

Asp Core And Angular 2

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AngularJS in Action Jun 24 2019 Summary AngularJS in Action covers everything you need to know to get started with the AngularJS framework. As you read, you'll explore all the individual components of the framework and learn how to customize and extend them. You'll discover the emerging patterns for web application architecture and tackle required tasks like communicating with a web server back-end. Along the way, you'll see AngularJS in action by building real world applications with thoroughly commented code. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology AngularJS is a JavaScript-based framework that extends HTML, so you can create dynamic, interactive web applications in the same way you create standard static pages. Out of the box, Angular provides most of the functionality you'll need for basic apps, but you won't want to stop there. Intuitive, easy to customize, and test-friendly, Angular practically begs you to build more interesting apps. About the Book AngularJS in Action teaches you everything you need to get started with AngularJS. As you read, you'll learn to build interactive single-page web interfaces, apply emerging patterns like MVVM, and tackle key tasks like communicating with back-end servers. All examples are supported by clear explanations and illustrations along with fully annotated code listings. This book assumes you know at least some JavaScript. No prior exposure to AngularJS is required. What's Inside Get started with AngularJS Write your own components Best practices for application architecture Progressively build a full-featured application Covers Angular JS 1.3 Sample application updated to the latest version of Angular About the Author Lukas Ruebbelke is a full-time web developer and an active contributor to the AngularJS community. Table of Contents PART 1 GET ACQUAINTED WITH ANGULARJS Hello AngularJS Structuring your AngularJS applicationPART 2 MAKE SOMETHING WITH ANGULARJS Views and controllers Models and services Directives Animations Structuring your site with routes Forms and validations APPENDIXES Setting up Karma Setting up a Node.js server Setting up a Firebase server Running the app Getting Started with TypeScript Sep 27 2019 "TypeScript is a JavaScript-superset that supports static typing and compiles down to plain JavaScript. TypeScript gives you compile-time errors, great tooling support and the latest JavaScript features like classes, arrow functions and modules that you can compile down to a JavaScript version that is supported in today's browsers. Typescript is open source and maintained by Microsoft and C# inventor Anders Hejlsberg. Google has written its popular Single Page Application Framework Angular with TypeScript. Join Thomas in this book to learn the TypeScript-language. Set up your environment and get up to speed with basic types, interfaces, classes, functions, modules, decorators and learn how to build web-apps with Angular and TypeScript."--Back cover.

Angular 2 Interview Questions and Answers Mar 02 2020 This book has the collection of Angular 2 Interview Questions and Answers with TypeScript and basic of Angular 4. Angular 2 is a most popular framework for developing mobile as well as web applications. Angular 2 is so simpler, faster, modular and instrumented design and it is developed by Google and Misko Hevery is the father of Angular. You can learn complete knowledge of Angular 2, TypeScript and Angular 4 simpler and faster with examples. This book has important questions and answers for beginner and expert level of developers and it's containing 115 questions and answers with TypeScript, Angular 4 and examples.

Angular 2 Components Jan 24 2022 A quick and concise guide to Angular 2 Components About This Book First look to the Angular 2 Components architecture Creating your own Angular 2 Component Integrating your components with third party components Who This Book Is For If you are a front-end developer with some experience in Angular and want to understand Angular 2 Components, and easily put it to use to create powerful user interfaces and views, then this book is for you What You Will Learn Break your application into reusable dynamic components Take advantage of TypeScript in Angular 2 Migrate your Angular 1 directive to an Angular 2 Component Understand the Angular 2 component structure and APIs Hook to component life cycle events Bind dynamic data to your component properties Communicate with other components using events Compose complicated UIs from simple components In Detail This book is a concise guide to Angular 2 Components and is based on the stable version of Angular 2. You will start with learning about the Angular 2 Components architecture and how components differ from Angular directives in Angular 1. You will then move on to quickly set up an Angular 2 development environment and grasp the basics of TypeScript. With this strong foundation in place, you will start building components. The book will teach you, with an example, how to define component behavior, create component templates, and use the controller of your component. You will also learn how to make your components communicate with each other. Once you have built a component, you will learn how to extend it by integrating third-party components with it. By the end of the book, you will be confident with building and using components for your applications. Style and approach A step-by-step guide covering features and working of Angular 2 Components along with the process for creating your own components.

Angular 2 Development with TypeScript Aug 31 2022 Angular 2 is a massively popular JavaScript framework built to take advantage of component development in web apps. In Angular 2, author Joseph D. Booth will guide you through setting up a development environment, interacting with the Angular CLI, building Hello World, and more. By the end, you'll know how to set up templates, compose components from those templates, and tie them all together with modules to deliver a cohesive web app. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Mastering Angular Components Jun 28 2022 The Angular framework has embraced a mature UI component architecture. It's a powerful tool for developing scalable application interfaces. The simple design of Angular components helps in building large component-based applications. This book covers a holistic way of thinking about UI development and explores the power of the components.

EssentialsAngular Oct 28 2019 Basic to Advance learning of Angular concepts DESCRIPTION This book is an Essentials guide for every Angular developer. It covers all required topics an Angular developer need to get started. This book is written in Angular version 7 and explains vital concepts of Angular in extremely descriptive way with lot of code examples. KEY FEATURES A complete overview of the key aspects of Angular Up to date with the latest Angular release The book covers the framework's mental model, API, and the design principles behind it. WHAT WILL YOU LEARN Components & Binding, Web API SPAs & Routing, Template Driven Forms Forms, HTTP Unit Testing, ngModel, Angular Directives Pipes, Ignite UI WHO THIS BOOK IS FOR Students of Polytechnic Diploma Classes- Computer Science/ Information Technology Graduate Students- Computer Science/ CSE / IT/ Computer Applications Master Class Students—Msc (CS/IT)/ MCA/ M.Phil, M.Tech, M.S. Industry Professionals- Preparing for Certifications Table of Contents 1. Introduction 2. Component and Data Binding 3. Components Communications 4. Angular Directives 5. ViewEncapsulation in Angular 6. Pipes 7. Template Driven Forms 8. Reactive Forms 9. Angular Routing 10. Change Detection 11. Services and Providers 12. Working with API and \$http 13. Advanced Components

Angular 2 by Example Sep 07 2020 Get familiar with Angular 2 from the inside out by designing your own applicationsAbout This Book* Master the Angular way to structure, build, deploy, and test your code* Understand Angular 2's new component-based architecture* Build a game and workout runner apps on the Angular platformWho This Book Is ForThis book is for JavaScript developers who are new to Angular 2 or are familiar with the basics but want to take things a step further. If you are motivated to learn by doing things actively, this book is for you.What You Will Learn* Design, develop, deploy and test the apps you build* Work your way through every aspect of app development using Angular2* Understand the inner workings of the Angular view templating and data-binding capabilities* Work on HTML forms and learn the Angular way to bind, validate, and form data* Create component, structural, and attribute directives to extend the standard HTML behavior* Integrate with the server back end and find out about data retrieval and persistence using Angular* Gain some practical insight into the challenges of building apps using Angular and their solutionsIn DetailAngular 2 will help you build faster, more efficient, and more flexible cross-platform applications. It has everything from a powerful view engine to an exceptional data binding framework and a design that embraces the future web. Angular 2 is known for taking the pain out of JavaScript development, enabling more organized, readable, and testable code.This book builds three sample apps with varied degrees of complexity. It starts with a simple "Guess the Number" game, which serves as a platform to launch you into the world of Angular. Next you will learn to construct a popular "7 Minute Workout" app, covering the building blocks of Angular, including components, services, directives, pipes, and a whole lot more. The final app "Personal Trainer" morphs the existing "7 Minute Workout" into a full-fledged personal workout builder and runner, covering advanced directive building, which is the fundamental and most powerful feature of the Angular.In addition to this, you will learn about testability and the framework constructs Angular provides to effectively test your app. You will also find out how to build a number of test suites for the "Personal Trainer" and "Workout Runner" apps. The book concludes by providing you with practical advice and useful tips that will come in handy as you build more and more apps with Angular.

Getting Started with Angular Jan 30 2020 Fast-track your web development skills to build high performance SPA with Angular 2 and beyond About This Book Up to date with the latest API changes introduced by Angular 2 and 4 Get familiar with the improvements to directives, change detection, dependency injection, router, and more Understand Angular's

new component-based architecture Start using TypeScript to supercharge your Angular applications Who This Book Is For Do you want to jump in at the deep end of Angular? Or perhaps you're interested assessing the changes to AngularJS before moving over? If so, then "Getting Started with Angular" is the book for you. To get the most out of the book, you'll need to be familiar with AngularJS 1.x, and have a good understanding of JavaScript. What You Will Learn Understand the changes made from AngularJS with side-by-side code samples to help demystify the Angular learning curve Start working with Angular's new method of implementing directives Use TypeScript to write modern, powerful Angular applications Dig in to the change detection method, and other architectural changes to make sure you know what's going on under the hood of Angular Get to work with the new router in Angular Use the new features of Angular, including pipes, and the updated features such as forms, services, and dependency injection Learn about the server-side rendering in Angular to keep your new applications SEO-friendly Enhance your applications using Ahead-of-Time compilation and Web Workers In Detail I'm delighted to see this new update and hope it helps you build amazing things with Angular. - Misko Hevery, Creator of AngularJS and Angular Angular is the modern framework you need to build performant and robust web applications. This book is the quickest way to upgrade your AngularJS knowledge to the brave new world of Angular, and get grips with the framework. It starts with an overview putting the changes of the framework in context with version 1. After that, you will be taken on a TypeScript crash-course so you can take advantage of Angular in its native, statically-typed environment. You'll explore the new change detection mechanism in detail, how directives and components have changed, how you create applications with Angular, and much more. Next, you'll understand how to efficiently develop forms, use the router, implement communication with HTTP services, and transform data with custom pipes. Finally, we will take a look at the Angular's Ahead-of-Time compiler, angular-cli and other such tools that help us build professional applications. By the end of the book, you'll be ready to start building quick and efficient Angular applications compatible with v2 and v4, that take advantage of all the new features on offer. This book is up to date for the 2.4 release and is compatible with the 4.0 release as well. Style and approach Starting with a comparison between Angular versions, this book is filled with side-by-side code examples to help highlight the changes. Each chapter then looks at major changes to the framework and is filled with small examples and sample code to get you started.

ASP.NET Core 2 and Angular 5 Oct 21 2021 Develop a simple, yet fully-functional modern web application using ASP.NET Core MVC, Entity Framework and Angular 5. About This Book Based on the best-selling book ASP.NET Core and Angular 2 Easily build a complete single page application with two of the most impressive frameworks in modern development, ASP.NET Core and Angular Bring together the capabilities and features of both Angular 5 and ASP.NET Core 2 for full stack development Discover a comprehensive approach to building your next web project-From managing data, to application design, through to SEO optimization and security Who This Book Is For This book is for seasoned ASP.NET developers who already know about ASP.NET Core and Angular in general, but want to know more about them and/or understand how to blend them together to craft a production-ready SPA. What You Will Learn Use ASP.NET Core to its full extent to create a versatile backend layer based on RESTful APIs Consume backend APIs with the brand new Angular 5 HttpClient and use RxJS Observers to feed the frontend UI asynchronously Implement an authentication and authorization layer using ASP.NET Identity to support user login with integrated and third-party OAuth 2 providers Configure a web application in order to accept user-defined data and persist it into the database using server-side APIs Secure your application against threats and vulnerabilities in a time efficient way Connect different aspects of the ASP. NET Core framework ecosystem and make them interact with each other for a Full-Stack web development experience In Detail Become fluent in both frontend and backend web development by combining the impressive capabilities of ASP.NET Core 2 and Angular 5 from project setup right through the deployment phase. Full-stack web development means being able to work on both the frontend and backend portions of an application. The frontend is the part that users will see or interact with, while the backend is the underlying engine, that handles the logical flow: server configuration, data storage and retrieval, database interactions, user authentication, and more. Use the ASP.NET Core MVC framework to implement the backend with API calls and server-side routing. Learn how to put the frontend together using top-notch Angular 5 features such as two-way binding, Observables, and Dependency Injection, build the Data Model with Entity Framework Core, style the frontend with CSS/LESS for a responsive and mobile-friendly UI, handle user input with Forms and Validators, explore different authentication techniques, including the support for third-party OAuth2 providers such as Facebook, and deploy the application using Windows Server, SQL Server, and the IIS/Kestrel reverse proxy. Style and approach More than just a technical manual, this guide takes you through the most important technical facets of developing with these two hugely popular frameworks and then demonstrates how to put those skills into practice. It's a book that recognizes that what's really important is the end product.

Learning Angular May 28 2022 Learning Angular, Second Edition A Hands-On Guide to Angular 2 and Angular 4 Learning Angular teaches modern application development with Angular 2 and Angular 4. It begins with the basics of Angular and the technologies and techniques used throughout the book, such as key features of TypeScript, newer ES6 syntax and concepts, and details about the tools needed to write professional Angular applications. The reader will next build an Angular application from scratch while learning about the primary pieces of an Angular application and see how they work together. Using lots of examples, the core parts of Angular will be introduced, such as Components, the Router, and Services. The book also covers techniques like server-side rendering and how to incrementally add Angular 2+ features to existing AngularJS applications. Finally, the reader will gain insight into advanced skills that should be part of any professional Angular developer's toolkit such as testing, tooling options, and performance tuning. Understand how Angular is organized and learn best practices for designing Angular applications Quickly build Angular templates with built-in directives that enhance the user experience Bind UI elements to your data model, so changes to your model and UI occur automatically in tandem Define custom Angular directives that extend HTML Implement zoomable images, expandable lists, and other rich UI components Implement client-side services that interact with web servers Build dynamic browser views to provide even richer user interaction Create custom services you can easily reuse Implement rich UI components as custom Angular directives Contents at a Glance Introduction What is Angular Why Use Angular Who this Book is For How to Use this Book Getting the Source Code Chapter 1: Jumping into JavaScript Setting Up a JavaScript Development Environment Defining Variables Understanding JavaScript Data Types Using Operators Implementing Looping Creating Functions Understanding Variable Scope Using JavaScript Objects Manipulating Strings Working with Arrays Adding Error Handling Chapter 2: Jumping into TypeScript Learning the Different Types Understanding Interfaces Implementing Classes Implementing Modules Understanding Functions Chapter 3: Getting Started with Angular Why Angular? Understanding Angular Separation of Responsibilities Adding Angular to Your Environment Using the Angular CLI Creating a Basic Angular Application Chapter 4: Angular Components Component Configuration Building the Template Using Constructors Using External Templates Implementing Directives Chapter 5: Expressions Using Expressions Using Pipes Building a Custom Pipe Chapter 6: Data Binding Understanding Data Binding Interpolation Property Binding Attribute Binding Class Binding Style Binding Event Binding Two-Way Binding Chapter 7: Built-in Directives Understanding Directives Using Built-in Directives Structural Directives Attribute Directives Chapter 8: Custom Directives Creating a Custom Attribute Directive Creating a Custom Directive with a Component Chapter 9: Events and Change Detection Using Browser Events Emitting Custom Events Using Observables Chapter 10: Implementing Angular Services in Web Applications Understanding Angular Services Using the Built in Services Sending HTTP GET and PUT Requests with the http Service Implementing a Simple Mock Server Using the http Service Changing Views with the router Service Implementing a Router with a Navigation Bar Implementing a Router with Parameters Chapter 11: Creating Your Own Custom Angular Service Integrating Custom Services into Angular Applications Implementing a Simple Application That Uses a Constant Data Service Implementing a Data Transform Service Implementing a Variable Data Service Implementing a Service that Returns a Promise Implementing a Shared Service Chapter 12: Having Fun with Angular Implementing an Angular Application That Uses the Animation Service Implementing an Angular Application That Zooms in on Images Implementing an Angular Application That Enables Drag and Drop Implementing a Star Rating Angular Component

Angular Interview Questions and Answers Mar 14 2021 Step by step guide to become an expert in Angular Key features Book provide all the important aspects required for angular developers Learn modern Web Frameworks like AngularJS 1.x, KnockoutJs, Ember, Backbone Book will give you an idea of the Angular framework (including version 2, 4, 5 and 6) and provide you an excellent understanding of the concepts. DescriptionThis book provide all the important aspects required for angular developers looking for brief and useful content for frequently asked Angular Interview questions. You have already worked with other Modern Web Frameworks like AngularJS 1.x, KnockoutJs, Ember, Backbone and now you are keen to become an expert in Angular including version 2, 4, 5 and 6. You have no framework experience at all but you have a profound understanding of Angular and now you are keen to know how to bring your web apps as well as mobile apps to the next level. This book will give you an idea of the Angular framework (including version 2, 4, 5 and 6) and provide you an excellent understanding of the concepts. Changing job is one of the biggest challenges for any IT professional. When IT professional starts searching job, they realise that they need much more than experience. Working on a project is one thing and cracking an interview is another. This book will give you a bird's eye view of what is needed in an interview. It will help you in doing a quick revision so that you can be ready for the discussion faster. What will you learn The Basic Concepts of Angular, its Components, Directives and Modules Angular Form, Elements, Templates, and Validations Dependency Injection (DI), HttpClient Angular Services, Routing and Navigation Angular Compiler, Pipes, Service Workers Server Side Rendering (Angular Universal) Angular Security, Cookies Basic Understanding of Angular Testing and TypeScript Who this book is forYou are new or have some experience in Angular and now want to take the step to become an expert in Angular and want to learn more about how you can apply the new concepts specifically for an Interview or developing robust web apps as well as mobile apps. Table of contents1. The Basic Concepts of Angular2. Angular Components3. Angular Directives4. Angular Modules5. Angular Form, Templates, and Validations6. Angular Elements 7. Dependency Injection (DI)8. HttpClient 9. Angular Services 10. Routing and Navigation 11. Angular Compiler12. Angular Pipes 13. Service Workers14. Server-Side Rendering (Angular Universal) 15. Angular Security16. Angular Cookies17. Basic Understanding of Angular Testing18. Basic Understanding of TypeScript About the authorAnil Singh has done B.Sc. (Mathematics) and MCA (Master of Computer Application). He has a number of certifications including MCP, MCTS-515 and MCTS-513. He is currently working as Technical leader at Australian MNC.His LinkedIn: linkedin.com/in/code-sampleHis blog: code-sample.com/ (Blog)code-sample.XYZ (Blog)

Angular 2 by Example Jun 04 2020 Angular 2 is a massively popular JavaScript framework built to take advantage of component development in web apps. In Angular 2, author Joseph D. Booth will guide you through setting up a development environment, interacting with the Angular CLI, building Hello World, and more. By the end, you'll know how to set up templates, compose components from those templates, and tie them all together with modules to deliver a cohesive web app. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Testing Angular Applications May 16 2021 Summary Testing Angular Applications is an example-rich, hands-on guide that gives you the real-world techniques you need to thoroughly test all parts of your Angular applications. By the end of this book, you'll be able to confidently write unit and end-to-end tests for Angular applications in TypeScript. Foreword by Brad Green, Google. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Don't leave the success of your mission-critical Angular apps to chance. Proper testing improves code quality, reduces maintenance costs, and rewards you with happy users. New tools and best practices can streamline and automate all aspects of testing web apps, both in development and in production. This book gets you started. About the Book Testing Angular Applications teaches you how to make testing an essential part of your development and production processes. You'll start by setting up a simple unit testing system as you learn the fundamental practices. Then, you'll fine-tune it as you discover the best tests for Angular components, directives, pipes, services, and routing. Finally, you'll explore end-to-end testing,

mastering the Protractor framework, and inserting Angular apps into your continuous integration pipeline. What's inside Getting to know TypeScript Writing and debugging unit tests Writing and debugging end-to-end tests with Protractor Building continuous integration for your entire test suite About the Reader This book is for readers with intermediate JavaScript skills. About the Author Jesse Palmer is a senior engineering manager at Handshake. Corinna Cohn is a single-page web application specialist. Mike Giambalvo and Craig Nishina are engineers at Google. Table of Contents Introduction to testing Angular applicationsPART 1 - Unit testing Creating your first tests Testing components Testing directives Testing pipes Testing services Testing the router PART 2 - End-to-end testing Getting started with Protractor Understanding timeouts Advanced Protractor topics PART 3 - Continuous integration Continuous integration Appendix A - Setting up the sample project Appendix B - Additional resources

Essential Angular Feb 10 2021 Essential Angular is a concise, complete overview of the key aspects of Angular, written by two Angular core contributors. The book covers the framework's mental model, its API, and the design principles behind it. It is fully up to date with the latest release of Angular. About This Book Written by two Angular core contributors A complete overview of the key aspects of Angular Up to date with the latest Angular release Who This Book Is For To get the most from this book, you should already have a good understanding of Angular and general web development. The book dives quickly into the core Angular systems without stepping through the basics. What You Will Learn Understand why and how to use JIT and AOT compilation in Angular Bootstrap and inject NgModules Learn about the component lifecycle Understand the two phases of Change Detection Visualize and parse the Injector tree Understand advanced Lazy Loading Integrate and run different testing strategies on your code In Detail Essential Angular is a concise, complete overview of the key aspects of Angular, written by two Angular core contributors. The book covers the framework's mental model, its API, and the design principles behind it. This book is fully up to date with the latest release of Angular. Essential Angular gives you a strong foundation in the core Angular technology. It will help you put all the concepts into the right places so you will have a good understanding of why the framework is the way it is. Read this book after you have toyed around with the framework, but before you embark on writing your first serious Angular application. This book covers concepts such as the differences between Just-In-Time (JIT) and Ahead-Of-Time (AOT) compilation in Angular, alongside NgModules, components and directives. It also goes into detail on Dependency Injection and Change Detection: essential skills for Angular developers to master. The book finishes with a look at testing, and how to integrate different testing methodologies in your Angular code. Style and approach Essential Angular is a complete overview of the key aspects of the latest release of Angular, written by two core Angular contributors. It goes far beyond a how-to-get-started guide and dives into the most important topics in modern Angular development at depth.

Pro Angular Jun 16 2021 Angular 5 updates for this book are now available. Follow the Download source code link for this book on the Apress website. Get the most from Angular 2, the leading framework for building dynamic JavaScript applications. Best-selling author Adam Freeman begins by describing the MVC pattern and the benefits it can offer and then shows you how to use Angular in your projects, starting from the nuts-and-bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them. What you'll learn Gain a solid architectural understanding of the MVC Pattern Learn how to create rich and dynamic web app clients using Angular 2 Learn how to extend and customize Angular 2 Learn how to test your Angular 2 projects Who this book is for Web developers with a foundation knowledge of HTML and JavaScript who want to create rich client-side applications.

Web Development with Bootstrap 4 and Angular 2 Oct 09 2020 Combine the power of Bootstrap 4 and Angular 2 to build cutting-edge web apps that truly stand out from the crowdAbout This Book- Updated for the latest releases of Angular and Bootstrap, this book shows you how to build web applications with cutting-edge web technologies- Combine the best of both worlds to build single page apps with elegant user interfaces- Build, develop, and customize your application using Angular and Bootstrap- Packed with tips to help you avoid potential stumbling blocks while developingWho This Book Is ForWhether you know a little about Bootstrap or Angular or you're a complete beginner, this book will enhance your capabilities in both frameworks and you'll build a fully functional web app. A working knowledge of HTML, CSS, and JavaScript is required to fully get to grips with Bootstrap and Angular.What You Will Learn- Develop Angular 2 single page applications using an ecosystem of helper tools- Get familiar with Bootstrap's new grid and helper classes- Embrace TypeScript and ECMAScript 2015 to write more maintainable code- Use custom directives for Bootstrap 4 with the ng2-bootstrap library- Understand the component-oriented structure of Angular 2 and its router- Make use of the built-in HTTP library to work with API endpoints- Use observables and streams to manage the app's data and state- Combine Angular 2 and Bootstrap 4 along with Firebase in the development of a solid exampleIn DetailTwo of the most popular frontend frameworks, Angular and Bootstrap, have undergone a major overhaul to embrace emerging web technologies so that developers can build cutting-edge web applications. Inside this title you'll dive, fingers first, into the basics of both the tools, and once you're familiar with them, you'll move onto Bootstrap's new grid system and Angular's built-in directives. You'll then learn how to format output using Angular's pipes and how to make use of the built-in router to set up routes for all your components. Webpack will be your buddy to wrap up your project. Then, after throwing in some SASS to make things pretty, you'll learn how to validate the forms you've built and debug your application. Finally, you'll go on to learn how to obtain smooth transitioning from Bootstrap to Angular and then how to hook up with a server and use Firebase as the persistence layer. Once you're done with this book, you'll not only have a lovely little e-commerce application running, but you'll also take with you the confidence to innovate and build your own applications with ease.Style and approachThis practical, step-by-step guide shows you how to think in terms of components and modules and build web apps with Angular and Bootstrap. Starting with building a foundation in Angular and Bootstrap, the book shows you how to combine the two frameworks to build apps that have a strong architecture (Angular) and a clear UI (Bootstrap).

Beginning Angular with Typescript Feb 22 2022 Angular is one of the leading frameworks to develop apps across all platforms. Reuse your code and build fast and high performing apps for any platform be it web, mobile web, native mobile and native desktop. You use small manageable components to build a large powerful app. No more wasting time hunting for DOM nodes! In this book, we take you on a fun, hands-on and pragmatic journey to master Angular from a web development point of view. You'll start building Angular apps within minutes. Every section is written in a bite-sized manner and straight to the point as I don't want to waste your time (and most certainly mine) on the content you don't need. In the end, you will have what it takes to develop a real-life app. About the Reader This book is for developers with basic familiarity with HTML, CSS, Javascript and object-oriented programming. No TypeScript or AngularJS experience needed. About the Author Greg Lim is a technologist and author of several programming books. Greg has many years in teaching programming in tertiary institutions and he places special emphasis on learning by doing. Table of Contents Introduction Creating and Using Components Bindings Working with Components Conditional Rendering, Pipes and Ng-Content Template Driven Forms Model Driven Forms Introduction to Observables Getting Data From RESTful APIs with Observables Routing Structuring Large Apps With Modules C.R.U.D. with Firebase/Firestore Authentication with Firebase/Firestore Implementing for Multiple Users

Angular: Up and Running Nov 09 2020 This book will demystify Angular as a framework, as well as provide clear instructions and examples on how to get started with writing scalable Angular applications. Angular: Up & Running covers most of the major pieces of Angular, but in a structured manner that is generally used in hands-on training. Each chapter takes one concept, and use examples to cover how it works. Problems to work on (with solutions) at the end of each chapter reinforce the learnings of each chapter and allow readers to really get hands-on with Angular.

Angular Router Sep 19 2021 From Angular core team member and creator of the router About This Book Written by the creator of the Angular router, giving you the best information straight from the source Get full coverage of the entire Angular Router library and understand exactly how every command works Essential for all serious users of Angular who need to manage states within their applications Who This Book Is For To get the most from this book, you should already have a good understanding of Angular and general web development. What You Will Learn Understand the role of the Angular router and how to make the most of it Build and parse complex URLs Learn about the componentless and empty-path routes Take control of states in your application Make use of imperative navigation Understand guards and how they can benefit your applications Optimize configuration and run tests on your routing In Detail Managing state transitions is one of the hardest parts of building applications. This is especially true on the web, where you also need to ensure that the state is reflected in the URL. In addition, you might want to split applications into multiple bundles and load them on demand. Doing this transparently isn't easy. The Angular router solves these problems. Using the router, you can declaratively specify application states, manage state transitions while taking care of the URL, and load bundles on demand. This book is a complete description of the Angular router written by its designer. It goes far beyond a how-to-get-started guide and talks about the library in depth. The mental model, design constraints, and the subtleties of the API-everything is covered. You'll learn in detail how to use the router in your own applications. Predominantly, you'll understand the inner workings of the router and how you can configure it to work with any edge cases you come across in your sites. Throughout the book, you'll see examples from real-world use in the MailApp application. You can view the full source of this application and see how the router code works to manage the state of the application and define what is visible on screen. Reading this book will give you deep insights into why the router works the way it does and will make you an Angular router expert. Style and approach This is an extremely practical book full of code examples and descriptions to help you understand the inner workings of the Angular router.

Angular 2 Cookbook Jul 30 2022 Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on About This Book A first-rate reference guide with a clear structure and intuitive index that gives you as a developer exactly the information you want in exactly the way you want it Covers no legacy material from the outdated Angular release candidates; it is up-to-date with the latest release of Angular 2.4 All the code in the book is explicitly written out, and every piece of code shown is a step towards building a simple working example Who This Book Is For This book is for developers who are competent with JavaScript and are looking to dive headfirst into the TypeScript edition of Angular 2. This book is also geared towards developers with experience in Angular 1 who are looking to make the transition. What You Will Learn Understand how to best move an Angular 1 application to Angular 2 Build a solid foundational understanding of the core elements of Angular 2 such as components, forms, and services Gain an ability to wield complex topics such as Observables and Promises Properly implement applications utilizing advanced topics such as dependency injection Know how to maximize the performance of Angular 2 applications Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site Get to know the best practices when organizing and testing a large Angular 2 application In Detail Angular 2 introduces an entirely new way to build applications. It wholly embraces all the newest concepts that are built into the next generation of browsers, and it cuts away all the fat and bloat from Angular 1. This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer. In addition to covering all the Angular 2 fundamentals, such as components, forms, and services, it demonstrates how the framework embraces a range of new web technologies such as ES6 and TypeScript syntax, Promises, Observables, and Web Workers, among many others. This book covers all the most complicated Angular concepts and at the same time introduces the best practices with which to wield these powerful tools. It also covers in detail all the concepts you'll need to get you building applications faster. Oft-neglected topics such as testing and performance optimization are widely covered as well. A developer that reads through all the content in this book will have a broad and deep understanding of all the major topics in the Angular 2 universe. Style and approach This book follows a cookbook approach—each recipe presents a unique problem to which the solution is presented in a clear, concise, and manner step-by-step manner. With practical hands-on guidance in each and every recipe, you'll be able to get to grips with the concepts.

Angular 2 Cookbook - Second Edition Mar 26 2022 Over 60 recipes that provide practical solutions to every Angular2 challengeAbout This Book* This first-rate reference guide has

a clear structure and intuitive index that gives you as a developer exactly the information you want in exactly the way you want it—easy to search, browse, or consult when you're faced with a problem you need to solve* This book is divided into recipes. This format has been praised by readers for being "easily-digestible" and "self-contained". These bite-size chunks save you time and energy, and keep concepts clear* The wide range of topics covered means this book is relevant to you no matter what your capability level* Marvellously written, the author provides expert guidance in clear and concise prose Who This Book Is For This book is for developers who are competent with JavaScript and are looking to dive headfirst into the TypeScript edition of Angular 2. This book is also geared towards developers with experience in Angular 1 who are looking to make the transition. What you will learn* Understand how to best move an Angular 1 application to Angular 2* Build a solid foundational understanding of the core elements of Angular 2 such as components, forms, and services* Gain an ability to wield complex topics such as Observables and Promises* Properly implement applications utilizing advanced topics such as dependency injection* Know how to maximize the performance of Angular 2 applications* Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site* Get to know the best practices when organizing and testing a large Angular 2 application In Detail Angular 2 introduces an entirely new paradigm of applications. It wholly embraces all the newest concepts that are built into the next generation of browsers, and it cuts away all the fat and bloat from Angular 1. This book plunges directly into the heart of all the most important Angular 2 concepts. Alongside the book's Angular 2 content, it covers the new ES6 syntax, TypeScript conventions, Web Components, and RxJS observables, among many other brand new concepts. Make no mistake, Angular 2 is difficult, especially if you're discovering new technologies and standards for the first time. This book covers all the most complicated concepts the framework has, and at the same time introduces the best practices with which to wield these powerful tools. It also covers in detail all the concepts that will get you building applications faster. Oft-neglected topics such as testing and performance are rigorously covered. This book will guide you so you understand Angular 2 from top to bottom.

Building Web Apps with Spring 5 and Angular May 04 2020 A complete guide to build robust and scalable web applications with Spring and Angular. About This Book This hands on guide will teach you how to build an end-to-end modern web application using Spring and Angular. It is easy to read and will benefit Java developers who have been used to develop the back-end part of web application while front-end (UI) has been left for UI developers. Learn the core aspects involved in developing the backend and the UI, right from designing to integrating and deploying. Who This Book Is For This book is targeted towards Java Web Developers with a basic knowledge of Spring who want to build complete web applications in a fast and effective way. They will want to gain a stronghold on both frontend and backend development to advance in their careers. What You Will Learn Set up development environment for Spring Web App and Angular app. Process web request and response and build REST API endpoints. Create data access components using Spring Web MVC framework and Hibernate Use Junit 5 to test your application Learn the fundamental concepts around building Angular Configure and use Routes and Components. Protect Angular app content from common web vulnerabilities and attacks. Integrate Angular apps with Spring Boot Web API endpoints Deploy the web application based on CI and CD using Jenkins and Docker containers In Detail Spring is the most popular application development framework being adopted by millions of developers around the world to create high performing, easily testable, reusable code. Its lightweight nature and extensibility helps you write robust and highly-scalable server-side web applications. Coupled with the power and efficiency of Angular, creating web applications has never been easier. If you want build end-to-end modern web application using Spring and Angular, then this book is for you. The book directly heads to show you how to create the backend with Spring, showing you how to configure the Spring MVC and handle Web requests. It will take you through the key aspects such as building REST API endpoints, using Hibernate, working with Junit 5 etc. Once you have secured and tested the backend, we will go ahead and start working on the front end with Angular. You will learn about fundamentals of Angular and Typescript and create an SPA using components, routing etc. Finally, you will see how to integrate both the applications with REST protocol and deploy the application using tools such as Jenkins and Docker. Style and approach This is a straightforward guide that shows how to build a complete web application in Angular and Spring.

Learning Angular 2 Nov 21 2021

Angular 2 Development with TypeScript Dec 23 2021 Summary Angular 2 Development with Typescript teaches you what you need to start using Angular, while you also learn TypeScript and how to take advantage of its benefits. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Whether you're building web clients or full-featured SPAs, using the Angular 2 web framework is a liberating experience. Its declarative style makes it easy to define and add features without a lot of manually written boilerplate, and the fully integrated TypeScript language gives you the benefits of a statically typed language within the JavaScript ecosystem. Not to mention that adding Angular 2 and TypeScript to your skill set makes you a hot commodity. About the Book Angular 2 Development with Typescript introduces Angular 2 to developers comfortable using AngularJS v1 or other web frameworks. You'll start by exploring how Angular 2 works in an online auction application. Along the way, you'll learn to use TypeScript to write type-aware classes, interfaces, and generics. This is a practical book that covers real-world development concerns like data and views, user interaction with forms, and communicating with servers, as well as testing and deploying your Angular 2 applications. What's Inside Design and build modular applications Transpile TypeScript into today's JavaScript Use modern JavaScript workflow tools like npm, Karma, and Webpack About the Reader This book is for intermediate web developers with a working knowledge of JavaScript. No TypeScript or AngularJS experience needed. About the Author Yakov Fain and Anton Moiseev are experienced web application developers. Yakov has written several books on software development. Table of Contents Introducing Angular 2 Getting started with Angular Navigation with the Angular router Dependency injection Bindings, observables, and pipes Implementing component communications Working with forms Interacting with servers using HTTP and WebSockets Unit-testing Angular applications Bundling and deploying applications with Webpack

Angular Development with TypeScript Nov 02 2022 Summary Angular Development with TypeScript, Second Edition is an intermediate-level tutorial that introduces Angular and TypeScript to developers comfortable with building web applications using other frameworks and tools. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Whether you're building lightweight web clients or full-featured SPAs, Angular is a clear choice. The Angular framework is fast, efficient, and widely adopted. Add the benefits of developing in the statically typed, fully integrated TypeScript language, and you get a programming experience other JavaScript frameworks just can't match. About the Book Angular Development with TypeScript, Second Edition teaches you how to build web applications with Angular and TypeScript. Written in an accessible, lively style, this illuminating guide covers core concerns like state management, data, forms, and server communication as you build a full-featured online auction app. You'll get the skills you need to write type-aware classes, interfaces, and generics with TypeScript, and discover time-saving best practices to use in your own work. What's inside Code samples for Angular 5, 6, and 7 Dependency injection Reactive programming The Angular Forms API About the Reader Written for intermediate web developers familiar with HTML, CSS, and JavaScript. About the Author Yakov Fain and Anton Moiseev are experienced trainers and web application developers. They have coauthored several books on software development. Table of Contents Introducing Angular The main artifacts of an Angular app Router basics Router advanced Dependency injection in Angular Reactive programming in Angular Laying out pages with Flex Layout Implementing component communications Change detection and component lifecycle Introducing the Forms API Validating forms Interacting with servers using HTTP Interacting with servers using the WebSocket protocol Testing Angular applications Maintaining app state with ngrx

Switching to Angular 2 Jan 12 2021 Build SEO-friendly, high-performance single-page applications with Angular 2 About This Book- Get up to date with the latest changes to Angular 2, including the improvements to directives, change detection, dependency injection, router, and more- Understand Angular 2's new component-based architecture- Start using TypeScript to supercharge your Angular 2 applications Who This Book Is For Do you want to jump in at the deep end of Angular 2? Or perhaps you're interested assessing the changes before moving over? If so, then Switching to Angular 2 is the book for you. To get the most out of the book, you'll need to be familiar with AngularJS 1.x, and have a good understanding of JavaScript. No knowledge of the changes made to Angular 2 is required follow along. What You Will Learn- Understand the changes made from Angular 1.x with side-by-side code samples to help demystify the Angular 2 learning curve- Start working with Angular 2's new method of implementing directives- Use TypeScript to write modern, powerful Angular 2 applications- Dig in to the change-detection method, and other architectural changes to make sure you know what's going on under the hood of Angular 2.- Get to work with the new router in Angular 2- Use the new features of Angular 2 including pipes, or the updated features such as forms, services, and the DI module- Master server-side rendering in Angular 2 to keep your new applications SEO friendly In Detail AngularJS is a JavaScript framework that makes building web applications easier. It is used today in large-scale, high-traffic websites that struggle with under-performance, portability issues, as well as SEO unfriendliness, and complexity at scale. Angular 2 changes that. It is the modern framework you need to build performant and robust web applications. "Switching to Angular 2" is the quickest way to get to grips with Angular 2 and will help you transition in to the brave new world of Angular 2. We'll start with an overview which sets the changes of the framework in context with version 1.x. After that, you will be taken on a TypeScript crash-course so we can take advantage of Angular 2 in its native, statically-typed environment. We'll look at the new change-detection method in detail, how Directives and Components change how you create websites with Angular, the new Angular 2 router, and much more. By the end of the book, you'll be ready to start building quick and efficient Angular 2 applications that take advantage of all the new features on offer. Style and approach Starting with a comparison between Angular versions that is filled with side-by-side code examples to help highlight the changes, each chapter then looks at major changes to the framework as is filled with small examples and sample code to get you started

Getting MEAN with Mongo, Express, Angular, and Node Apr 14 2021 Summary Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. This edition was completely revised and updated to cover MongoDB 4, Express 4, Angular 7, Node 11, and the latest mainstream release of JavaScript ES2015. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Juggling languages mid-application can radically slow down a full-stack web project. The MEAN stack—MongoDB, Express, Angular, and Node—uses JavaScript end to end, maximizing developer productivity and minimizing context switching. And you'll love the results! MEAN apps are fast, powerful, and beautiful. About the Book Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. Practical from the very beginning, the book helps you create a static site in Express and Node. Expanding on that solid foundation, you'll integrate a MongoDB database, build an API, and add an authentication system. Along the way, you'll get countless pro tips for building dynamic and responsive data-driven web applications! What's inside MongoDB 4, Express 4, Angular 7, and Node.js 11 MEAN stack architecture Mobile-ready web apps Best practices for efficiency and reusability About the Reader Readers should be comfortable with standard web application designs and ES2015-style JavaScript. About the Author Simon Holmes and Clive Harber are full-stack developers with decades of experience in JavaScript and other leading-edge web technologies. Table of Contents PART 1 - SETTING THE BASELINE Introducing full-stack development Designing a MEAN stack architecture PART 2 - BUILDING A NODE WEB APPLICATION Creating and setting up a MEAN project Building a static site with Node and Express Building a data model with MongoDB and Mongoose Writing a REST API: Exposing the MongoDB database to the application Consuming a REST API: Using an API from inside Express PART 3 - ADDING A DYNAMIC FRONT END WITH ANGULAR Creating an Angular application with TypeScript Building a single-page application with Angular: Foundations Building a single-page application with Angular: The next level PART 4 - MANAGING AUTHENTICATION AND USER SESSIONS Authenticating users, managing sessions, and securing APIs Using an authentication API in Angular applications

Learning Angular Jul 26 2019 If you want to build cross-platform web applications using the robust Angular web framework, this book is for you. Learning Angular will cover the

core concepts of frontend web development using easy-to-follow instructions to help you get up and running with Angular web development in no time.

Learning Angular for .NET Developers Apr 02 2020 Build efficient web apps and deliver great results by integrating Angular and the .NET framework About This Book Become a more productive developer and learn to use frameworks that implement good development practices Achieve advanced autocompletion, navigation, and refactoring in Angular using Typescript Follow a gradual introduction to the concepts with a lot of examples and explore the evolution of a production-ready application Who This Book Is For If you are a .NET developer who now wants to efficiently build single-page applications using the new features that Angular 4 has to offer, then this book is for you. Familiarity of HTML, CSS, and JavaScript is assumed to get the most from this book. What You Will Learn Create a standalone Angular application to prototype user interfaces Validate complex forms with Angular version 4 and use Bootstrap to style them Build RESTful web services that work well with single-page applications Use Gulp and Bower in Visual Studio to run tasks and manage JavaScript packages Implement automatic validation for web service requests to reduce your boilerplate code Use web services with Angular version 4 to offload and secure your application logic Test your Angular version 4 and web service code to improve the quality of your software deliverables In Detail Are you are looking for a better, more efficient, and more powerful way of building front-end web applications? Well, look no further, you have come to the right place! This book comprehensively integrates Angular version 4 into your tool belt, then runs you through all the new options you now have on hand for your web apps without bogging you down. The frameworks, tools, and libraries mentioned here will make your work productive and minimize the friction usually associated with building server-side web applications. Starting off with building blocks of Angular version 4, we gradually move into integrating TypeScript and ES6. You will get confident in building single page applications and using Angular for prototyping components. You will then move on to building web services and full-stack web application using ASP.NET WebAPI. Finally, you will learn the development process focused on rapid delivery and testability for all application layers. Style and approach This book covers everything there is to know about getting well-acquainted with Angular 4 and .NET without bogging you down. Everything is neatly laid out under clear headings for quick consultation, offering you the information required to understand a concept immediately, with short, relevant examples of each feature.

Angular in Action Aug 19 2021 Summary Angular in Action teaches you everything you need to build production-ready Angular applications. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Angular makes it easy to deliver amazing web apps. This powerful JavaScript platform provides the tooling to manage your project, libraries to help handle most common tasks, and a rich ecosystem full of third-party capabilities to add as needed. Built with developer productivity in mind, Angular boosts your efficiency with a modern component architecture, well-constructed APIs, and a rich community. About the Book Angular in Action teaches you everything you need to build production-ready Angular applications. You'll start coding immediately, as you move from the basics to advanced techniques like testing, dependency injection, and performance tuning. Along the way, you'll take advantage of TypeScript and ES2015 features to write clear, well-architected code. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. What's Inside Spinning up your first Angular application A complete tour of Angular's features Comprehensive example projects Testing and debugging Managing large applications About the Reader Written for web developers comfortable with JavaScript, HTML, and CSS. About the Author Jeremy Wilken is a Google Developer Expert in Angular, Web Technologies, and Google Assistant. He has many years of experience building web applications and libraries for eBay, Teradata, and VMware. Table of Contents Angular: a modern web platform Building your first Angular app App essentials Component basics Advanced components Services Routing Building custom directives and pipes Forms Testing your application Angular in production

Ng-Book Apr 26 2022 ng-book. The in-depth, complete, and up-to-date book on Angular. Become an Angular expert today. Updated for Angular, Angular CLI, and Community Style Guide Ready to master Angular? What if you could master the entire framework - with solid foundations - in less time without beating your head against a wall? Imagine how quickly you could work if you knew the best practices and the best tools? Stop wasting your time searching and have everything you need to be productive in one, well-organized place, with complete examples to get your project up without needing to resort to endless hours of research. You will learn what you need to know to work professionally with ng-book: The Complete Book on Angular. Get up and running quickly The first chapter opens with building your first Angular app. Within the first few minutes, you'll know enough to have an app running Lots of Sample Apps and Code When you buy ng-book, you're not buying just a book, but dozens of code examples. Every chapter in the book comes with a complete project that uses the concepts in the chapter. The code is available for download, free from our website. Table of Contents Writing your first Angular web application How Angular Works Built-in Directives Forms in Angular 2 HTTP and APIs Routing Dependency Injection Data Architecture in Angular 2 Data Architecture with Observables and RxJS Data Architecture with Redux Redux and TypeScript Data Architecture with Redux Advanced Components Testing Converting an Angular 1 app to Angular Comprehensive You'll learn core Angular concepts - from how Angular works under the hood, to rich interactive components, from in-depth testing to real-world applications Best Practices Learn Angular best practices, such as: testing, code organization, and how to structure your app for performance. We'll walk through practical, common examples of how to implement complete components of your applications Example Apps included in the book The book comes with sample apps that show you how to create: A component-based Reddit clone A real-time chat app using RxJS Observables A YouTube search-as-you-type app A Spotify search for tracks with playable song preview Plus lots more mini-examples that show you how to write Components, how to use Forms, and how to use APIs The code examples currently have over 5,500+ lines of runnable code (TypeScript, non-comment lines) What our Customers Say "Fantastic work guys! I have no idea where I'd be with Angular without ng-book. You guys have made this SOOOO much easier to learn and keep up with. Thanks again..you guys are awesome!" -- Jacob Cheriathundam "Just finished ng-book2. I think it is the best learning material one can find about Angular today." -- Jegor Uglov FAQ What version does the book cover? This revision of the book covers up to angular-4.1.0. An updated version of the code is available for free at our website. Do I have to know Angular 1? Nope! We don't assume that you've used Angular 1. This book teaches Angular from the ground up. Of course, if you've used Angular 1, we'll point out common ideas (because there are many), but ng-book stands on its own Is ng-book an upgrade to ng-book 1? No. This is a completely new book and shares no content or code with ng-book 1. Angular 1 and Angular 2+ are two different frameworks and ng-book 1 and ng-book are two different books.

Ng-Book Jul 06 2020

ASP.NET Web API and Angular 2 Dec 11 2020 The framework of choice to build reactive, feature-rich Single Page Applications that just work About This Book *Learn how to design Single Page Applications (SPAs) with the latest versions of the popular frameworks Angular 2 and ASP.NET Web API *An explicit focus on understanding how the two tools fit together gives this book a unique insight on how to make SPAs for you and your clients that just work *This book covers all the major topics you need to create SPAs with ASP.NET Web API and Angular 2: routing, creating clean URLs, handling data (OData), and authentication Who This Book Is For This book is for seasoned ASP.NET developers who already know how to use ASP.NET Web API and AngularJS, but want to blend them together to craft a production-ready SPA. What You Will Learn *Get to know the MVC 6 core aspects such as Model and Web API Controller *Gain the required resources and configure the MVC 6 interface *See how to client-route requests *Set-up the data model using entity framework *Extend the client controllers *Secure your application against various security threats In Detail For most developers, writing code is a balance between maintainability and productivity-how quickly can you write it versus how much more you have to write in the future. Writing APIs goes some way to striking a balance, as you can have an API that feeds data from your back-end to front-end service for consumption. Now, this front-end can change to a mobile app, a website, desktop app, but what you do at the back doesn't change and remains ASP.NET Web API. This book focuses on blending and connecting ASP.NET Web API and AngularJS. We'll guide you through building a fully-featured, potentially shippable SPA project with all its core aspects in place: readable URIs, OData retrieval, authentication patterns, RESTful interfaces, and more. By the end of the book, you will be able to make impressive SPAs using ASP.NET Web API and Angular 2. This book focuses about blending/connecting together the two topic technologies: ASP.NET WebAPI and AngularJS. The book aims to be a guide to the readers throughout by building a fully-featured, potentially shippable SPA project with all its core aspects in place: readable URIs, OData retrieval, authentication patterns, RESTful interfaces and more.

Learn Angular: Your First Week Dec 31 2019 Angular is not just a framework, but rather a platform that empowers developers to build applications for the web, mobile, and the desktop. This book contains a collection of articles that provide a rapid introduction to Angular, getting you up and running with no fuss. It contains: Angular Introduction: What It Is, and Why You Should Use It by Ilya Bodrov-Krukowski AngularJS and Angular: a Detailed Comparison by Manjunath M An Introduction to TypeScript: Static Typing for the Web by Byron Houwens Getting Past Hello World in Angular by Jason Aden Angular Components: Inputs and Outputs by David Aden A Practical Guide to Angular Directives by Claudio Ribeiro Angular Components and Providers: Classes, Factories and Values by David Aden Quickly Create Simple Yet Powerful Angular Forms by Kaloyan Kolev Using Angular NgModules for Reusable Code and More by Jeremy Wilken Angular Testing: A Developer's Introduction by Michael Wanyoike Creating UIs with Angular Material Design Components by Ahmed Boucheфра Developing Angular Apps without a Back End Using MockBackend by Vildan Softic React vs Angular: An In-depth Comparison by Pavels Jelisejevs This book is for all front-end developers who want to get proficient with Angular and its related tools. You'll need to be familiar with HTML and CSS and have a reasonable level of understanding of JavaScript in order to follow the discussion.

Mobile App Development with Ionic 2 Aug 07 2020 Learn how to build app store-ready hybrid apps with the Ionic 2, the framework built on top of Apache Cordova (formerly PhoneGap) and Angular. This practical guide shows you how to use Ionic's tools and services to develop apps with HTML, CSS, and TypeScript, rather than rely on platform-specific solutions found in Android, iOS, and Windows Phone. Author Chris Griffith takes you step-by-step through Ionic's powerful collection of UI components, and then helps you use it to build three cross-platform mobile apps. Whether you're new to this framework or have been working with Ionic 1, this book is ideal for beginning, intermediate, and advanced web developers. Understand what a hybrid mobile app is, and what comprises a basic Ionic application Learn how Ionic leverages Apache Cordova, Angular, and TypeScript to create native mobile applications Create a Firebase-enabled to-do application that stores data across multiple clients Build a tab-based National Park explorer app with Google Map integration Develop a weather app with the Darksky weather API and Google's GeoCode API Debug and test your app to resolve issues that arise during development Walk through steps for deploying your app to native app stores Learn how Ionic can be used to create Progressive Web Apps

Angular 2 Cookbook, 2nd Edition Jul 18 2021 Angular 2 Cookbook, 2nd Edition Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on Angular 2 introduces an entirely new paradigm of applications. It wholly embraces all the newest concepts that are built into the next generation of browsers, and it cuts away all the fat and bloat from Angular 1. This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer. Alongside the book's Angular 2 content, it covers the new ES6 syntax, TypeScript conventions, Web Components, and RxJS observables, among many other brand new ideas to add to your toolkit. Make no mistake; Angular 2 is difficult, especially if you're discovering new technologies and standards for the first time. This book covers all the most complicated concepts the framework has, and at the same time introduces the best practices with which to wield these powerful tools. It also covers in detail all the concepts that will get you building applications faster. Oft-neglected topics such as testing and performance are rigorously covered too. This book will guide you so you understand Angular 2 from top to bottom, ready to let you. What you will learn Understand how to best move an Angular 1 application to Angular 2 Build a solid foundational understanding of the core elements of Angular 2 such as components, forms, and services Gain an ability to wield complex topics such as Observables and Promises Properly implement applications utilizing advanced topics such as dependency injection Know how to

maximize the performance of Angular 2 applications Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site Get to know the best practices when organizing and testing a large Angular 2 application

Angular Development with Typescript Oct 01 2022 Includes free eBook download in PDF, ePub, and Kindle formats.

Ng-Book - the Complete Book on Angularjs Nov 29 2019 Ready to master AngularJS? What if you could master the entire framework - with solid foundations - in less time without beating your head against a wall? Imagine how quickly you could work if you knew the best practices and the best tools? Stop wasting your time searching and have everything you need to be productive in one, well-organized place, with complete examples to get your project up without needing to resort to endless hours of research.

Pro Angular 6 Aug 26 2019 Best-selling author Adam Freeman shows you how to use Angular in your projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. Additionally, this book now has accompanying online files for Angular 7; all examples in the book work without changes in Angular 7. Get the most from Angular, the leading framework for building dynamic JavaScript applications. Understand the MVC pattern and the benefits it can offer. What You'll Learn Gain a solid architectural understanding of the MVC Pattern Create rich and dynamic web app clients using Angular Use the ng tools to create and build an Angular project Extend and customize Angular Test your Angular projects What's New in This Edition Revised for the features and changes in Angular 6 and 7 Covers @angular/cli, ng command line tools, and WebPack Includes HttpClient for simplified asynchronous HTTP requests Presents updates to pipes and localized text display Who This Book Is For Web developers with a foundation knowledge of HTML and JavaScript who want to create rich client-side applications