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A hands-on guide with a minimalist and flexible approach that enables quick learning and rapid delivery of cloud-ready enterprise applications with Angular 6 About This Book Explore tools and techniques to push your web app to the next level Master Angular app design and architectural considerations Learn continuous integration and deploy your app on a highly available cloud infrastructure in AWS Who This Book Is For This book is for developers who want to confidently deliver high-quality and production-grade Angular apps from design to deployment. We assume that you have prior experience in writing a RESTful API with the tech stack of your choice; if you don't, you can still gain a lot of benefit from this book, which focuses on the entire scope of frontend development, from design to deployment! What You Will Learn Create full-stack web applications using Angular and RESTful APIs Master Angular fundamentals, RxJS, CLI tools, unit testing, GitHub, and Docker Design and architect responsive, secure and scalable apps to deploy on AWS Adopt a minimalist, value-first approach to delivering your app with Kanban Get introduced to automated testing with continuous integration on CircleCl Optimize Nginx and Node.js web servers with load testing tools In Detail Angular 6 for Enterprise-Ready Web Applications follows a hands-on and minimalist approach demonstrating how to design and architect high quality apps. The first

part of the book is about mastering the Angular platform using foundational technologies. You will use the Kanban method to focus on value delivery, communicate design ideas with mock-up tools and build great looking apps with Angular Material. You will become comfortable using CLI tools, understand reactive programming with RxJS, and deploy to the cloud using Docker. The second part of the book will introduce you to the router-first architecture, a seven-step approach to designing and developing mid-to-large line-of-business applications, along with popular recipes. You will learn how to design a solid authentication and authorization experience; explore unit testing, early integration with backend APIs using Swagger and continuous integration using CircleCI. In the concluding chapters, you will provision a highly available cloud infrastructure on AWS and then use Google Analytics to capture user behavior. By the end of this book, you will be familiar with the scope of web development using Angular, Swagger, and Docker, learning patte...