

1. Record Nr.	UNINA9910467011703321
Autore	Arguelles Rojas Diego
Titolo	Hands-on full stack web development with Aurelia : develop modern and real-time web applications with Aurelia and Node. js // Diego Arguelles Rojas, Erikson Murrugarra
Pubbl/distr/stampa	Birmingham ; ; Mumbai : , : Packt Publishing, , 2018
ISBN	1-78883-491-7
Edizione	[1st edition]
Descrizione fisica	1 online resource (336 pages)
Disciplina	658.4032
Soggetti	Network analysis (Planning) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Develop rich and scalable web applications with Node.js, Express.js, and MongoDB About This Book Learn the advanced features of Aurelia to build responsive web applications Write clean, modular, and testable code that will be easy to maintain and evolve Harness the power of JavaScript on the client and server side to build full-stack applications Who This Book Is For Hands-On Full Stack Web Development with Aurelia is for you if you are a web or full-stack JavaScript developer who has experience with traditional stacks such as LAMP, MEAN, or MERN and wish to explore the power of Aurelia and new stack with modern web technologies. What You Will Learn Employ best practices and modern approaches to create frontend applications Learn about modern CSS preprocessors and improve the readability of your application Use the Aurelia framework to create navigable web applications Write your own tests, making your application secure and fault-tolerant Create solid RESTful APIs using the microservice architecture Understand the NoSQL paradigm and get the best performance from your database Integrate third-party libraries such as Gmail for Single Sign On Write UI testing scripts and integration tests to build extensible apps In Detail Hands-On Full Stack Web Development with Aurelia begins with a review of basic JavaScript concepts and the

structure of an Aurelia application generated with the Aurelia-CLI tool. You will learn how to create interesting and intuitive application using the Aurelia-Materialize plugin, which implements the material design approach. Once you fully configure a FIFA World Cup 2018 app, you'll start creating the initial components through TDD practices and then develop backend services to process and store all the user data. This book lets you explore the NoSQL model and implement it using one of the most popular NoSQL databases, MongoDB, with some exciting libraries to make the experience effortless. You'll also be able to add some advanced behavior to your components, from managing the lifecycle properly to using dynamic binding, field validations, and the custom service layer. You will integrate your application with Google OAuth Service and learn best practices to secure your applications. Furthermore, you'll write UI Testing scripts to create high-quality Aurelia Apps and explore the most used tools to run end-to-end tests. In the concluding chapters, you'll be able to deploy your application to the Cloud and Docker containers....
