1. Record Nr. UNINA9910484409803321 Autore Lopez Daniel Andres Pelaez Titolo Full-stack web development with jakarta ee and vue. js : your one-stop guide to building modern full-stack applications with jakarta ee and vue. js / / Daniel Andres Pelaez Lopez New York, New York: ,: Apress L. P., , [2021] Pubbl/distr/stampa ©2021 **ISBN** 1-4842-6342-1 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (XXIII, 591 p. 305 illus.) Disciplina 006.76 Soggetti Computer programming Web Development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto 1. Full Stack Web Development with JakartaEE -- 2. Vue.is as a Front End Layer -- 3. Getting Started with Vue.is -- 4. Requirement Analysis for your Full Stack Web Application -- 5. Modeling your Entities and Data with JPA -- 6. Designing your Front End UI with Vue.Js Components -- 7. Creating Your Back End with Jakarta EE -- 8. Connecting your UI with Your Back End -- 9. Securing Your Full Stack Application -- 10. Authentication and Authorization -- 11. Design Patterns and Best Practices -- 12. Cloud Architecture Implementation -- 13. Continuous Integration and Deployment -- 14. Testing and Monitoring. Sommario/riassunto Harness the power of Jakarta EE to build sturdy back ends while applying Vue.js on the front end. The demand for modern, highperforming enterprise web applications is growing swiftly. The basic HTML front end is no longer enough to meet customer demands. This book shows you how to unlock professional full-stack web development using Jakarta EE and Vue.js. First, you will review the fundamental concepts of Vue.js and essential features of Jakarta EE. You'll then see how to build web applications through every stage of the process, taking into consideration requirement analysis, data model design, code design, the UI, and technical designs, all the way through

to implementation, testing, production deployment, and monitoring.

Towards the end of the book, you will also learn about the key design patterns and best practices that underpin professional full-stack web development. Full-stack development is the way forward on the web, and using JakartaEE and Vue.js is a great place to start. Get up-to-speed using this book today. You will: Connect an application's frontend and backend with Vue.js and Jakarta EE Build enterprise web applications from start to finish Test, secure and deploy your enterprise web applications Apply common patterns when building full stack applications Understand the current IT architecture situation of a company, and define a roadmap to accomplish the company goals. Create decoupled applications using software craftsmanship ideas.