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Embark on a transformative and disruptive journey into MERN stack development with Ultimate Full-Stack Web Development with MERN. Beginning with an in-depth introduction to MERN and REST APIs, the book advances through the complete project overview and the setup of a Node.js application. Next, it delves into the essentials of Node.js, MongoDB connection, models, and crucial aspects of user authentication, including JWT implementation and password hashing. Security takes center stage in next chapters as you explore middleware creation and route protection. In the Frontend section you'll construct a dynamic ReactJS application with a focus on creating components, pages, and establishing Redux for state management. This book will guide you through setting up Redux, implementing registration and login functionalities, and refining your application with a user-friendly dashboard and task form. The book concludes with chapters on frontend and backend testing, ensuring the robustness of your application and also covers deployment strategies for both frontend and backend components, providing a comprehensive guide to showcase your application to the world.
