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	Autore	UPADHYAYA NITESH
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	Nota di contenuto	Chapter 1 - Introduction to React -- Chapter 2 - Setting Up Your Development Environment -- Chapter 3 - Components, Props and State -- Chapter 4 - JSX and Element Rendering -- Chapter 5 - Handling Events and Conditional Rendering -- Chapter 6 - List and Keys -- Chapter 7 - Thinking in Components -- Chapter 8 - Styling your Application -- Chapter 9 - Lifecycle Methods and Hooks -- Chapter 10 - Managing State with Context and Redux -- Chapter 11 - Form Handling and Validation -- Chapter 12 - Routing and Navigation -- Chapter 13 - Optimizing Performance -- Chapter 14 - Testing your Application -- Chapter 15 - Security Best Practices -- Chapter 16 - Accessibility and Internationalization -- Chapter 17 - Deployment and Continuous Integration -- Chapter 18 - Integrating Third-Party Services and APIs -- Chapter 19 - Advanced Component Patterns -- Chapter 20 - Building A Real-World Retail Store App.
	Sommario/riassunto	This book is your comprehensive guide to mastering React, the most popular library for building modern web applications. Designed for developers at all levels, it offers a structured approach to understanding and applying React's core and advanced concepts to create responsive, scalable, and high-performance web applications. Starting with the basics, such as components, JSX, and state management, the book gradually progresses to advanced topics like context API, hooks, routing, and performance optimization. Every chapter is enriched with hands-on examples and step-by-step guides

to help you solidify your understanding of React's ecosystem. The book encourages you to dive deeper into essential best practices, including code maintainability, testing strategies, and leveraging third-party libraries for UI components. It also explores modern state management tools, techniques for optimizing performance, and adopting cutting-edge deployment strategies with platforms like Netlify and Vercel, ensuring that the applications you build are robust and reliable. Beyond just React's core concepts, this book emphasizes practical application through a real-world project: building a fully functional e-commerce application. From implementing dynamic product listings to creating a seamless checkout flow with payment gateway integration, you'll gain hands-on experience that prepares you for real-world challenges. By the end of this book, you'll not only master React but also develop the skills to build, test, and deploy high-quality web applications that meet the demands of today's fast-paced development landscape. Whether you're a beginner or a seasoned developer, this book will elevate your expertise and help you stay ahead in the evolving world of web development. What You'll Learn: The foundational concepts of React, including JSX, components, and state management. How to use advanced React techniques, such as hooks, context API, performance optimization, and routing. How to create responsive, scalable, and maintainable web applications using modern React libraries and tools. Understand practical approaches to building a real-world e-commerce application, including dynamic product listings, cart functionality, and payment gateway integration Gain expertise in techniques for optimizing performance, testing, and deploying React applications to platforms like Netlify. Who is this book for: Software architects and developers with intermediate knowledge of HTML, CSS, and JavaScript, frontend developers, and full-stack developers.