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Titolo	Modern Full-Stack Development [[electronic resource]] : Using TypeScript, React, Node.js, Webpack, Python, Django, and Docker // by Frank Zammetti
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Note generali	Description based upon print version of record. Includes index.
Nota di contenuto	1. Server-Side Action: Node and NPM -- 2. A Few More Words: Advanced Node and NPM -- 3. Client-Side Adventures: React -- 4. A Few More Words: Advanced React -- 5. Building a Strong Foundation: TypeScript -- 6. A Few More Words on TypeScript -- 7. Tying It Up in a Bow: Webpack -- 8. Delivering the Goods: MailBag, the Server -- 9. Delivering the Goods: MailBag, the Client -- 10. Time for Fun: BattleJong, the Server -- 11. Time for Fun: BattleJong, the Client -- 12. Bringing the Dev Ship into Harbor: Docker -- 13. Feed Your Face: Fooderator, The Server -- 14. Feed Your Face: Fooderator, The Client.
Sommario/riassunto	Explore what React, Node, Python, Django, TypeScript, Webpack, and Docker have to offer individually, and how they all fit together in modern app development. This updated version will show you how to build apps with React, Node.js or Django, and TypeScript, and how Webpack can be used to optimize and organize your code for deployment. You'll begin by building a solid foundation of knowledge and quickly expand it by constructing three different real-world apps. These aren't just simple, contrived examples but real apps that you can choose to install on your servers and use for real. You'll also understand how Docker can be used to run the apps you build in a clear and well-defined way, all of which will be able to springboard you into creating more advanced apps on your own. You'll see why React is one of the most popular web development tools available today, and

why Node.js is also frequently used for server-side development. The fact that both utilize JavaScript is a big selling point, but there are shortcomings. Modern Full-Stack Development highlights how adding Django, Webpack, and Docker to the mix resolves any issues by creating a potent full development stack on which to build applications – two possible stacks, really!! You will: Review the basics of TypeScript and writing both React and Node apps with it Construct a project with NPM and Webpack, configuration and usage Utilize client-side and server-side development Employ REST APIs and database usage across two tech stacks, Node and Python/Django Deploy apps using Docker.
