

1. Record Nr.	UNINA9910874663203321
Autore	Selvaraj Sivaraj
Titolo	Mastering REST APIs : Boosting Your Web Development Journey with Advanced API Techniques / / by Sivaraj Selvaraj
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2024
ISBN	9798868803093 9798868803086
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (546 pages)
Disciplina	005.3
Soggetti	Internet programming Software engineering - Management Open source software Web Development Software Management Open Source
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Introduction to REST APIs -- 2. Building REST APIs with Node.js and Express -- 3. Building REST APIs with Ruby on Rails -- 4. Building REST APIs with Django -- 5. Building REST APIs with Laravel -- 6. Building REST APIs with ASP.NET Core -- 7. Building REST APIs with Spring Boot -- 8. Building REST APIs with Serverless Cloud Platforms -- 9. Advanced Topics and Case Studies -- 10. Advanced API Design Patterns and Future Trends.
Sommario/riassunto	Embark on a transformative journey into the nuances of API design and implementation. This comprehensive guide will equip you with the prowess to craft APIs that exemplify excellence, optimize performance, fortify security, and elevate user experience. From grasping the core tenets of REST architecture to navigating diverse frameworks like Node.js with Express, Ruby on Rails, Django, Laravel with PHP, ASP.NET Core with C#, and Spring Boot with Java, this compendium empowers you to create APIs that set new industry benchmarks. In-depth tutorials will empower you to master data serialization, robust authentication protocols, and impervious security measures. This book also delves

into the more advanced topics encompassing API governance, meticulous versioning strategies, cross-origin resource sharing (CORS) considerations, real-time capabilities, and microservices communication intricacies. You'll gain insights into vigilant monitoring, astute analytics, and optimization techniques that truly differentiate your APIs. Moreover, this book navigates the ever-evolving legal and privacy landscape confidently, ensuring compliance and upholding user trust, and provides the expertise needed to craft more efficient APIs that stand at the forefront of modern digital innovation. Presenting real-world case studies, comprehensive explanations, and practical illustrations, Mastering REST APIs is your compass to navigate the complex world of web development. .
