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Autore	Parasuraman Banu
Titolo	Practical Spring Cloud Function : Developing Cloud-Native Functions for Multi-Cloud and Hybrid-Cloud Environments // by Banu Parasuraman
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Nota di contenuto	1. Why Spring Cloud Function -- 2. Getting Started with Spring Cloud Function -- 3. Coding, testing, and deploying with Spring Cloud Function -- 4. Building Event Driven Data pipelines with Spring Cloud Function -- 5. AI/ML Trained Serverless Endpoints with Spring Cloud Function -- 6. Spring Cloud Function and IOT -- 7. Industry Examples with Spring Cloud Function.
Sommario/riassunto	Unlike other resources that target only programming communities, this book targets both programming and business communities. With programming models shifting more towards no-code and low-code, citizen programmers from the business side will welcome this book as a guide for how to design and optimize their information pipeline while lowering costs for infrastructure. Programmers, on the other hand, will welcome this book's business-centric programming view, which will get them a step closer to fulfilling real business requirements. Practical Spring Cloud Function touches on the themes of portability, scalability, high performance and high availability. Each theme is explored via a real enterprise use case and code. The use cases target industries including energy (oil pipeline sensors), automotive (event-driven connected vehicles), and retail (conversational AI). After reading this book, you'll come away with the know-how to build and deploy cloud-native Java applications effectively and efficiently. You will: Write functions and deploy to Amazon Web Services, Microsoft Azure, Google Cloud, IBM Cloud, and on-prem clouds such as VMWare Tanzu and

RedHat OpenShift Set up locally with KNative on Kubernetes, as well as on AWS, Azure, GCP, Tanzu, and others Build, test, and deploy a simple example with Spring Cloud Function Develop an event-driven data pipeline with Spring Cloud Function Integrate with AI and machine learning models Apply Spring Cloud Function to the Internet of Things (IoT) Get industry-specific examples of Spring Cloud Function in action.
