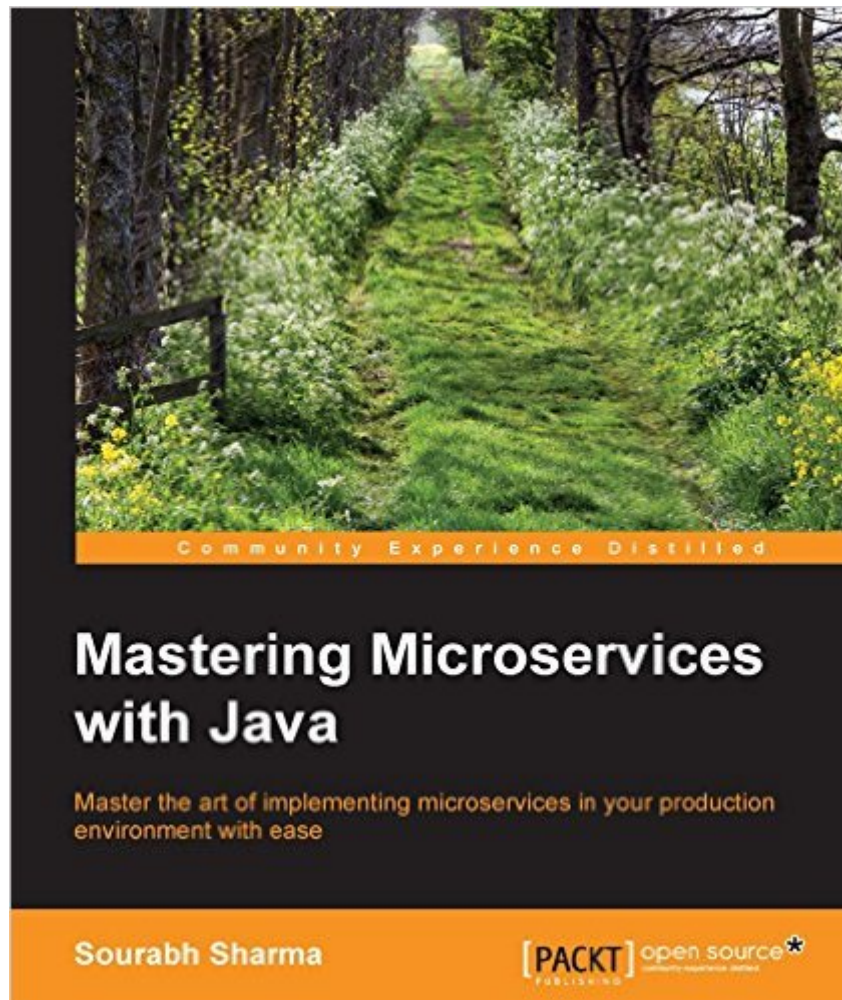# Mastering Microservices With Java

Synopsis

Key FeaturesBuild, deploy, and test microservices from scratch with easeDesign and implement sample projects using domain-driven designConfidently resolve the issues faced during development and deploymentBook DescriptionWith the introduction of the cloud, enterprise application development moved from monolithic applications to small lightweight process-driven components called microservices. Microservices are the next big thing in designing scalable, easy-to-maintain applications. It not only makes app development easier, but also offers great flexibility to utilize various resources optimally.If you want to build an enterprise-ready implementation of the microservices architecture, then this is the book for you! Starting off by understanding the core concepts and framework, you will then focus on the high-level design of large software projects. You will gradually move on to setting up the development environment and configuring it before implementing continuous integration to deploy your microservice architecture. Using Spring security, you will secure microservices and test it effectively using REST Java clients and other tools. Finally, weâ ™ll show you the best practices and common principals of microservice design and youâ ™ll learn to troubleshoot and debug the issues faced during development.By the end of the book, you will know how to build smaller, lighter, and faster services that can be implemented easily in a production environment.What you will learnUse domain-driven design to design and implement microservicesSecure microservices using Spring SecurityDeploy and test microservicesTroubleshoot and debug the issues faced during developmentConsume microservices using a JavaScript web applicationLearning best practices and common principals about microservicesAbout the AuthorSourabh Sharma has more than a decade of experience of product/app development. His expertise lies in developing, deploying, and testing N-tier web applications. He loves to troubleshoot complex problems and look for the best solutions.In his career, he has successfully developed and delivered various standalone and cloud apps to happy Fortune 500 customers.Sourabh has also initiated and developed a microservices-based product for his US-based top enterprise product company. He started writing Java programs in his college days, in the late 90s, and he still loves it.Table of ContentsA Solution ApproachSetting Up the Development EnvironmentDomain-Driven DesignImplementing a MicroserviceDeployment and TestingSecuring MicroservicesConsuming Services Using a Microservice Web AppBest Practices and Common PrinciplesTroubleshooting Guide

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Customer Reviews

It is really an excellent book on Micro services with Java. I liked below topics the mostMonolithic
architectureImplementing a MicroserviceOTRS overviewAuthor has really jotted down the core
technicality in nicer way with lot of good real life illustrations like uTorrent use case etc. Great Work
done !!I would like to recommend it to every developer and architect who is started working on MSA
space. Thanks !!

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