



# Mastering Microservices with Java

By Sourabh Sharma



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## Key Features

- Build, deploy, and test microservices from scratch with ease
- Design and implement sample projects using domain-driven design
- Confidently resolve the issues faced during development and deployment

## Book Description

With 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, we'll show you the best practices and common principals of microservice design and you'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 learn

- Use domain-driven design to design and implement microservices
- Secure microservices using Spring Security
- Deploy and test microservices
- Troubleshoot and debug the issues faced during development
- Consume microservices using a JavaScript web application
- Learning best practices and common principals about microservices

## About the Author

**Sourabh 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.

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6. Securing Microservices
7. Consuming Services Using a Microservice Web App
8. Best Practices and Common Principles
9. Troubleshooting Guide

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## Mastering Microservices with Java By Sourabh Sharma Bibliography

- Sales Rank: #688409 in eBooks
- Published on: 2016-06-29
- Released on: 2016-06-29
- Format: Kindle eBook

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### Editorial Review

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