DevOpsSchool

Course curriculum · November 2026

JAVA WITH SPRINGBOOT · TRAINING PROGRAM

Master Java Springboot Training

A practical, hands-on Master Java Springboot Training curriculum: 59 topics over 5 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	59 topics over 5 days
Formats and fees	Live, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/springboot/master-in-java-with-springboot-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Master Java Springboot Training matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 59 TOPICS OVER 5 DAYS

Day 1

12 topics · Morning Session: Introduction to Java

Day 2

12 topics · Morning Session: Introduction to Spring Framework

Day 3

12 topics · Morning Session: Building RESTful APIs with Spring Boot

Day 4

12 topics · Morning Session: Security and Authentication with Spring Boot

Day 5

11 topics · Morning Session: Advanced Spring Boot Topics

AGENDA · 59 TOPICS OVER 5 DAYS

Master Java Springboot Training agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

12 topics

1. Morning Session: Introduction to Java
2. Introduction to Java programming language
3. Setting up the Java development environment
4. Java syntax and basic data types
5. Variables and operators in Java
6. Control flow and decision-making in Java
7. Afternoon Session: Object-Oriented Programming (OOP) in Java
8. Object-oriented programming principles
9. Classes and objects in Java
10. Inheritance, polymorphism, and encapsulation
11. Abstract classes and interfaces
12. Exception handling in Java

DAY 2

12 topics

13. Morning Session: Introduction to Spring Framework
14. Introduction to the Spring framework
15. Dependency injection and inversion of control (IoC)
16. Configuring Spring beans using XML or annotations
17. Bean scopes and lifecycle in Spring
18. Spring Core and Spring Context modules
19. Afternoon Session: Spring Boot Fundamentals
20. Introduction to Spring Boot framework
21. Creating a basic Spring Boot application
22. Auto-configuration and opinionated defaults
23. Packaging and running Spring Boot applications
24. Configuration properties in Spring Boot

DAY 3

12 topics

25. Morning Session: Building RESTful APIs with Spring Boot
26. RESTful architecture and principles
27. Creating RESTful APIs using Spring Boot
28. Mapping requests and handling responses
29. Request/response serialization with JSON
30. Error handling and exception mapping
31. Afternoon Session: Database Integration with Spring Boot

32. Connecting Spring Boot application to a database
33. Working with Spring Data JPA for data access
34. Mapping entities and relationships
35. Querying the database using Spring Data JPA
36. Transaction management in Spring Boot

DAY 4

12 topics

37. Morning Session: Security and Authentication with Spring Boot
38. Securing Spring Boot applications
39. Authentication and authorization using Spring Security
40. Implementing role-based access control
41. User registration and password encryption
42. Handling security exceptions and access denied scenarios
43. Afternoon Session: Testing and Debugging in Spring Boot
44. Unit testing with JUnit and Mockito
45. Integration testing in Spring Boot
46. Testing RESTful APIs using Spring MVC Test
47. Debugging Spring Boot applications
48. Logging and monitoring with Spring Boot Actuator

DAY 5

11 topics

49. Morning Session: Advanced Spring Boot Topics
50. Microservices architecture with Spring Boot
51. Service discovery and load balancing with Eureka and Ribbon
52. Circuit Breaker pattern with Hystrix
53. Message-driven communication with Spring Boot and Kafka
54. Building reactive applications with Spring WebFlux
55. Afternoon Session: Project Work and Wrap-Up
56. Apply the learned concepts to develop a full-fledged Java Spring Boot application
57. Implement additional features or enhancements to the project
58. Present and showcase the project to the group
59. Q&A session, final discussions, and course wrap-up

HOW YOU CAN LEARN

Formats and fees

The same agenda in three formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms. 1:1 training is also available on demand.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. Corporate and 1:1 batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

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