

Java Developer Immersive

INSTRUCTOR-LED | 480 HOURS | ONSITE OR REMOTE

OVERVIEW

In this program, participants become back-end Java developers. Over the course of 12 full-time weeks, they build skills in core Java, Spring Boot, Test-Driven Development, troubleshooting, and Agile development.

DELIVERY OPTIONS

- 12 weeks full-time

OUTCOMES

- **Level 1 Java Development Skills:** Build, test, and integrate back-end Java web applications by leveraging the Spring ecosystem and Agile workflows.

IDEAL FOR

- Developers with some object-oriented programming experience in popular languages such as Java, Ruby, Python or JavaScript.

AGENDA

Foundational Java

Get to know the basic elements of the Java programming language: data types and structures, control flow, methods, and classes. Learn how to apply design patterns to write maintainable object-oriented code.

Spring Boot

This popular Java framework allows you to spend less time configuring code and more time writing the business logic for your applications. Leverage Spring Data to persist your application data to both SQL and NoSQL data stores.

DevOps

Extend Agile learnings into DevOps with Jenkins for continuous integration. Dive into twelve-factor design to architect cloud-native applications that can scale with both users and growing teams. Develop and deploy microservices with the help of a PaaS.

Cloud Infrastructure and Messaging

Explore the benefits of using the cloud to host application infrastructure. Incorporate RabbitMQ to ensure high availability among demanding applications that receive a high number of requests.

