

# MASTERING SPRING AND SPRING BOOT (TT3335)

Course Code: 101040

Next-Level Spring: Best Practices for Writing RESTful Services in Java using Spring Boot.

Spring REST focuses on providing an understanding of the fundamental principles and technologies that are used in the development of RESTful services and clients. This understanding is critical to being able to diagnose, troubleshoot, tune, and perform other lifecycle activities.

Working with Spring REST is a two-day, fast-paced coding course geared for experienced developers who have prior working knowledge of Java. Throughout the course students learn the best practices for writing Restful services in Java using Spring Boot. The course provides an in-depth view of the APIs provided by Spring to develop both the REST service and the REST client.

## What You'll Learn

This “skills-centric” course is about **50% hands-on lab and 50% lecture**, designed to train attendees in core Cucumber and web testing skills, coupling the most current, effective techniques with the soundest industry practices. Working within in an engaging, hands-on learning environment, guided by our expert team, attendees will:

- Learn the request-response cycle of REST requests
- Implement a REST controller using Spring
- Map URLs to service endpoints
- Use Spring's template class to develop a REST client
- Bootstrap a Spring REST applications
- Return different media types for a service
- Setting the response headers
- Discuss Exceptions and HTTP Status codes
- Handle exceptions thrown by a service

## Who Needs to Attend

Java Developers, Application Developers, Full Stack Developers, Technical Managers, Architects.

## Prerequisites

This in an intermediate-level development course geared for students experienced

with Java and Spring programming essentials. In order to be successful in the hands-on portion of the training, you should have incoming practical, hands-on prior experience working with basic Spring concepts and development skills (or attended the suggested pre-requisite courses listed below). This course does not cover Java or Spring development basics.

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

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