

# Spring Boot & Spring Framework Short Course

40 · R14,995

Spring Boot is the standard for enterprise Java development. This course takes Java developers through the complete Spring ecosystem: building production-grade REST APIs, data p...

**40**

Hours of Training

**R14,995**

Course Fee

**5 Days**

Full-Time Option

**JHB · CPT**

+ Online Nationwide

## COURSE CURRICULUM

### What You'll Learn

#### Spring Boot Basics & Project Setup

Spring Initializr, project structure, auto-configuration, application.properties and Actuator.

#### Building REST APIs

@RestController, @GetMapping/PostMapping/PutMapping/DeleteMapping, request/response bodies.

#### Spring Data JPA

Entities, repositories, JPQL queries, relationships (OneToMany, ManyToMany) and H2/MySQL.

#### Validation & Error Handling

@Valid, Bean Validation, @ControllerAdvice and consistent error responses.

#### Spring Security

Authentication, authorisation, JWT-based stateless APIs and role-based access control.

#### Service Layer & DTOs

Separation of concerns, mapping between entities and DTOs using ModelMapper.

#### Testing with JUnit & Mockito

Unit tests for services, integration tests for controllers with MockMvc.

#### Caching & Async

@Cacheable with Redis, @Async and scheduled tasks.

#### Microservices Intro with Spring Cloud

Service discovery (Eureka), API Gateway, config server and Feign clients.

#### Docker & Deployment

Containerise your Spring Boot app, docker-compose and deployment to the cloud.

## WHAT TO EXPECT

# Your Learning Experience



## Expert-Led Training

Taught by experienced bootcamp instructors with 30+ years of combined industry experience.



## Hands-On Projects

You write code from day one. Every concept is reinforced with real exercises and a practical project you keep.



## Johannesburg & Cape Town

Attend in-person at our Woodmead (JHB) or Cape Town campus, or join 100% online from anywhere.



## Certificate of Completion

Receive a Code College certificate on completion — recognised by employers across South Africa.

## 2026 PRICING

# Investment

PRE-PAID — BEST VALUE

**R14,995**

One flat price — no hidden fees

FULL PRICE

**R14,995**

Flexible payment options available

## Get in Touch

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