

SPRING MICROSERVICES ONLINE TRAINING

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About Spring Microservices Online Training

In Spring Microservices online training first of all we discuss principles, characteristics, design and use cases along with project implementation. Microservices is an **architectural style** which says **decompose** big applications into smaller services. Thereafter **communicate** those services either synchronously or asynchronously. Besides that the microservices projects are developed by using Boot. First of all the Boot has been built on top of Spring Framework and provides most important features like Starters, Autoconfiguration, Embedded servers and also Actuators. Therefore boot features help to reduce project code.

What Will You Learn?

- Spring Boot
- Microservices
- Spring Cloud
- Jpa
- Spring Data
- Spring Messaging
- Fat Jar with Embedded Server
- War with External Server

Pre-Requisites

- Spring Core
- Java Based Configuration
- Spring MVC
- Oracle DB
- Maven (optional)

[Download Curriculum](#)

Curriculum

SPRING BOOT









Day 1: Starters	01 hour
Day 2: Auto Configuration	01 hour
Day 3: Embedded Servers	01 hour
Day 4: Actuators	01 hour
Day 5: Spring MVC with Boot	30 min
Day 5: @SpringBootTest	10 min
Day 5: @SpringBootApplication	10 min
Day 5: Spring-boot-admin	10 min
Day 6: Fat Jar with Embedded Server	30 min
Day 6: War with External Server	30 min

SPRING JPA



Day 7: Introduction	10 min
Day 7: Local EntityManager FactoryBean	10 min

Course Info

















Hours :	19 hour
Duration :	3 weeks [6 days per week]
Slot :	6AM-7AM 7AM-8AM 8AM-9AM
Mode :	LIVE Online Training
Join :	Goto Meeting
Demo :	Day-1 & Day-2
Faculty :	K.Ramesh
Downloads :	Materials, Workspace, etc
Re Attend :	One time with in 6 months.
Price :	6,000 INR

 Day 7: Local Container EntityManager FactoryBean	 10 min
 Day 7: @PersistenceUnit	 10 min
 Day 7: EntityManager	 10 min
 Day 7: Application	 10 min













SPRING DATA

 Day 8: CrudRepository	 10 min
 Day 8: JpaRepository	 10 min
 Day 8: DSL Grammer	 10 min
 Day 8: @Query	 10 min
 Day 8: Application	 20 min















SPRING MICROSERVICES

 Day 9: Introduction	 20 min
 Day 9: Principles	 10 min
 Day 9: Characteristics	 30 min
 Day 10: Benefits	 10 min
 Day 10: Ecosystem	 20 min
 Day 10: Relationship with SOA	 10 min
 Day 10: Microservice usecases	 10 min
 Day 10: Microservices with boot	 10 min

DESIGNING MICROSERVICES

 Day 11: Identifying Microservices boundaries	 10 min
 Day 11: Endpoints	 10 min
 Day 11: Synchronous Communication	 10 min
 Day 11: Asynchronous Communication	 10 min
 Day 11: Challenges of Microservices	 10 min
 Day 11: Microservices Capability model	 10 min

MICROSERVICES CASESTUDY

 Day 12: Brownfield Airline Project	 01 hour
 Day 13: Brownfield Airline Project	 01 hour
 Day 14: Separate DB Schema	 10 min
 Day 14: REST Endpoints	 10 min
 Day 14: MESSAGING Endpoints	 10 min
 Day 14: Communication Styles	 20 min
 Day 14: RabbitMQ Server	 10 min

SPRING CLOUD

 Day 15: Introduction	 10 min
 Day 15: Twelve Factor Principles	 10 min
 Day 15: Spring Config Server	 40 min
 Day 16: Spring Cloud Bus	 01 hour
 Day 17: Feign Rest client	 20 min
 Day 17: Spring Cloud Load Balancer	 20 min

 Day 1/: [Kibboon Load Balancer](#)  20 min

 Day 17: [Eureka Server Registry](#)  20 min

SPRING MESSAGING

 Day 18: [JMS / AMQP](#)  10 min

 Day 18: [ActiveMQ / RabbitMQ](#)  10 min

ENVIRONMENT

 Day 19: [Spring Tool Suite \(STS\)](#)  10 min

 Day 19: [Rabbit MQ Server](#)  10 min

 Day 19: [Maven](#)  10 min

 Day 19: [GIT](#)  10 min

 Day 19: [Spring Boot](#)  20 min

REALTIME PROJECT

 Day : [Code Walk-through](#) 

INTERVIEW QUESTIONS

 Day : [FAQs](#) 
