Infinity Masters
Java + Springboot Online Training

**MONDAY TO FRIDAY
09:00 to 10:00 PM IST**
Course Duration - 2 Months

**New Batch 1
Starts on
October 3rd**

Nagaraju Kusa

Contact Us ➡ 📞 **+91 9553168964**

https://www.infinitymasters.github.io/

What's in the Training...???

Beginner to Advanced Level
No pre-requisites required. Everything starts from the scratch and taken till advanced level. Background doesn't matter either IT or Non-IT. Everything explained in Telugu + English.

Hands on Practice with Realtime Project with Internship Certificate
Hands on Project and learning software - development start from Day 1. Batch is divided into team of 3's to work on Real Time Projects

1:1 Mentorship

1 : 1 Mentoring Support
Mentor is available to connect via phone and zoom on Technical Support, Career Guidance, Placements Trainings etc.

Resume Preparation and Mock Interviews
Guidance on preparing Resume for Campus Placements,Industry Internships, Mock Interview for candidates appearing for any interviews to be provided

GitHub Discussions & Lifetime access to Session Recordings
You can easily approach us if you get any error while practice. Take the screenshot and send us. You can also clear others doubts :)

GitHub

DISCUSSIONS

Fee - 6,500/- INR. Join 1 week for and decide

JAVA + SPRING CURRICULUM

1. Introduction

- What is Software Development ?
- Software Development Lifecycle (SDLC)
- SDLC Models - Agile, Waterfall
- Software Development Journey - Case Studies
- What is Full Stack Engineering ?
- What is Backend Engineering ?
- Why to learn Java ?
- Why to learn Springboot ?
- Wy to learn RDBMS ?
- Client - Server Architecture
- Monoliths vs Microservices Architecture
- Introduction to Micoservices Architecture
- Microservices Communication - Application Program Interfaces (APIs)
- How Source Code is Managed ?
- How applications are managed ?
- How applications are deployed ?
- Mainframes vs Cloud Technology
- How Large Scale Applications works ?
- Introduction to Real Time Project

2. Git & Github - Source Code Management

- What is Source code management
- Understand Version Control
- Perform management of files for small as well as large projects
- Role of Git in Development life cycle
- Installing Git
- Working with Remote repository
- Branching and merging in Git
- Resolving Merge Conflicts
- Perform various Git commands
- Forking a repository
- Execute branching and merging
- operations
- Pull request
- Tag (version release)
- Managing remote repositories
- Issues
- Projects

3. Linux Administration

- Introduction to Linux
- What is Linux Administration ?
- Basic Linux Commands
- Writing Shell Scripts
- SSH Configuration

4. Introduction to Java

- **Introduction to programming and Java**
- **Setting up the development environment (JDK, IDE)**
- **Writing and running a simple Java program**
- **Understanding Java syntax, statements, and expressions**
- **Data types, variables, and constants**
- **Basic input and output using Scanner**

5. Control Flow and Basic OOP Concepts

- **Conditional statements: if, else if, switch**
- **Looping statements: for, while, do-while**
- **Introduction to Object-Oriented Programming (OOP) principles**

5. Control Flow and Basic OOP Concepts [CONTD]

- **Classes and objects: defining, creating, and using**
- **Constructors and overloading**
- **Methods: defining, parameters, return types**

6. Advanced OOPS Concepts

- **Encapsulation and access modifiers (public, private, protected)**
- **Inheritance: extending classes, super keyword**
- **Method overriding and @Override annotation**
- **Polymorphism and dynamic method dispatch**
- **Abstract classes and methods**
- **Interfaces: definition, implementation, multiple inheritance**

Internship Certificate is provided

DEVOPS + AWS CURRICULUM (CONTD.)

7. Exception Handling

- Understanding exceptions and error handling
- try, catch, finally **blocks**
- **Checked vs. unchecked exceptions**
- **Custom exceptions**

8. Java Collection Framework

- Introduction to Java Collections
- Lists: ArrayList, LinkedList
- Maps: HashMap, TreeMap

9. Spring Boot - Introduction

- Overview of Spring Framework
- Spring Framework Architecture
- IOC Container & Dependency Injection
- Spring Bean Scopes
- Autowiring
- Introduction to Spring Boot
- Spring Vs. Spring Boot
- Internals of Spring Boot
- Web Applications Development using Spring Boot

Note: Real-time project with different topics starts in the beginning

10. Setting up Spring Boot

- Setting up Development IDE
- Introduction to Spring Initializr
- Spring Boot Application Creation

11. Spring Boot - Core Concepts

- Spring Boot Annotations
- **Spring Boot Runners**
- Spring Data JPA Introduction
- CrudRepository & JpaRepository
- findBy methods in JPA
- Custom Queries in JPA
- Springboot - Exception Handling
- Spring Boot Actuators
- Spring Cloud Concepts

12. Spring Boot - Advanced

- Spring REST Introduction
- HTTP Protocol Internals
- REST API Development
- Introduction to Postman - API Testing Tool
- Microservices Introduction
- Microservices Architecture
- Interservice Communication
- External API Communication

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About..!!!

Hello, Iam Nagaraju Kusa. Iam Java & Springboot trainer. Also, I offer trainings on DevOps & AWS Cloud. Currently, working as Technology Consultant at an MNC which is based out in US.

I have an experience of 3+ years in IT industry as a Backend Engineer working extensively in areas like Java, Springboot, Kotlin and JavaScript frameworks like Node Js and React Js along with DevOps & AWS cloud platform

With an Aim to Help out students from different backgrounds, Iam starting this initiative of helping students by providing internship on various technology stacks like Backend Engineering, Full Stack engineering. For candidates who are having an experience of 2+ years, we also offer Trainings on DevOps & AWS as well.

If you are interested please fill out the registration link below:
https://bit.ly/Java-Spring-Internship-Training

You can also visit official website for additional information:
https://infinitymasters.github.io/

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