



IT SOLUTIONZ

Implementations

Integrations

Interfaces

We lead your steps to success

JAVA

i3 IT Solutionz is providing **Java** training. Faculty by **Mr. Venkat**, having **10+ Years of Experience**. With his subject knowledge and training, the aspirant candidates can look forward to work on **Real Time Projects**. He is one of the leading faculty in **Hyderabad in Java**.

Faculty Overview

Mr. Venkat
10+ Years Experience

Course Duration

3 Months

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Java Course Content

Core Java

- Introduction To Java
- Data Types and Variables
- Classes And Objects
- Object Oriented Programming
- Constructors
- Control Statements
- Abstract Classes
- Interfaces
- Packages
- Exception Handling
- Multi-Threading
- Collection Framework
- Generics
- Input Output Streams
- Java 8 Features

JDBC

- Introduction To SQL
- Introduction To JDBC
- Architecture Of JDBC
- Types Of Drivers
 - JDBC-ODBC Bridge Driver
 - Native-API Driver
 - Network Protocol Driver
 - Thin Driver
- Crud Operations Using JDBC In Java
- Batch Processing
- Transaction Management





Servlets

- Introduction To Web Technologies
- Ways To Create a Servlet
 - Implementing Servlet Interface
 - Extending Generic servlet
 - Extending HTTP servlet
- Html With Servlet Communication
- Html With Servlet and Database Communication
- Servlet With Servlet Communication
- Servlet configure & Servlet context
- Session Tracking

JSP

Introduction To JSP

- Architecture Of JSP
- JSP Scripting Elements
 - Scrip let Tag
 - Expression Tag
 - Declaration Tag
- JSP Directive Elements
 - Page Directive
 - Include Directive
 - TAGLIB Directive
- JSP Action Elements
 - Forward
 - Include
 - Bean
 - Set property
 - Get property





- JSP Implicit Objects
 - Request
 - Response
 - Config
 - Application
 - Session
 - Page context
 - Page
 - Exception
- JSP And JDBC

Hibernate

- Introduction To Hibernate
- Architecture Of Hibernate
- Database Crud Operations
- Inheritance
 - Table Per Hierarchy
 - Table Per Sub Class
 - Table Per Concrete Class
- Hibernate Relationships
 - One-To-One
 - One-To-Many
 - Many-To-One
 - Many-To-Many
- HQL And Restrictions
- Criteria In Hibernate





Spring

- Introduction to Spring
- Spring Core (Basic Concepts)
- Spring Core (Advanced Concepts)
- Spring Core (3.0 Annotations)
- Spring MVC
- Spring AOP
- Spring ORM
- Spring Transaction
- Spring JDBC
- Creating Views in Spring MVC

Spring Boot & Rest API

- Spring Boot Introduction
- Spring Boot + Maven – Hello World Example
- Creating a Restful Web Service Example
- Common Application Properties
- How to Change Default Tomcat Server Port
- How to Change Default Context Path
- How to Reload Changes Without Restarting the Server
- How To Create/Configure A Data Source
- How To Configure Multiple Data Source
- Spring Boot + Spring Security – Restful Web Service with Basic Authentication
- Spring Boot + Spring Security – Restful Web Service with Database Authentication
- Spring Boot + Spring MVC + JSP Hello World Example
- Spring Boot - Restful Web Service with Post Request in Json Example





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Agile Methodology

- Agile Methodology Introduction
- Advantages & Disadvantages Of Agile
- Agile Manifesto
- Agile Characteristics
- Agile SDLC
- Agile Scrum
- Agile Daily Stand-Up
- Product Management

Tools

- Maven
- Junit
- Log4j
- GitHub
- Jira

Databases

- MongoDB

Ui Technologies

- Html MySQL
- JavaScript
- Typescript
- Angular

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Software's Required

- JDK 1.8
- Eclipse
- Apache Tomcat
- MySQL Database

AWS Cloud Fundamentals

- AWS Cloud Practitioner Essentials
- Introduction To Amazon Web Services
- Compute In the Cloud
- Global Infrastructure and Reliability
- Networking
- Storage And Databases
- Security

DEVOPS Fundamentals

- Introduction To DEVOPS
- DEVOPS Architecture
- DEVOPS Lifecycle
- Pipeline And Methodology
- Jenkins

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