



NEXT

IT CAREER

moving minds to right place



# Java

## Full Stack Training



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# Why Choose Us?



**Training by  
Certified Instructors**



**Weekly Assignments**



**Project Training**



**Resume Preparation**



**Mock Interviews**



**Interview cracking  
tips**

# About Next IT Career

**Next IT Career** Best Software Coaching Center in Hyderabad Corporate training is a function of human resource management that aims to provide the organization's employees with the knowledge and skills required to be successful. In turn, the growth of employees also contributes to the success of the business. In recent years, Its also seen as a long-term strategic assignment rather than a cost center for the organization. The majority of companies have embraced 'continual learning' in it to promote employee growth both professionally and personally and acquire a highly skilled workforce as a result.



**Corporate Training**



**Classroom Training**



**Online Training**

## JAVA FULL STACK DEVELOPMENT COURSE

### 1. CORE JAVA

- Introduction
- Installation
- Programming Elements
- First Application
- Data Types
- Operators
- Control Statements
- Access Modifiers
- Wrapper Classes
- Packages
- OOPS
- Object Casting
- Exception Handling
- Multi Threading
- Garbage Collection
- Inner Classes
- Java I/O
- File Handling
- String Handling
- Reflection API
- Arrays
- Collection Framework
- Map Interface
- JDK 8 Features
- JDK 10, 11 Features

### 2. ADV. JAVA – JDBC

- Introduction to JDBC
- Establishing Connection to Database
- Statement
- PreparedStatement
- CallableStatement

- ResultSet Interface & Metadata
- Batch Updates
- Transaction Management

### **3. ADV. JAVA – SERVLET**

- Introduction
- Developing & Deploying Servlet Apps in Different Servers
- Developing Servlet
- ServletRequest & ServletResponse
- ServletConfig
- ServletContext
- HttpServlet
- HttpServletRequest & HttpServletResponse
- HTML to Servlet Communication
- Servlet to DataBase Communication
- RequestDispatching
- Redirecting
- Attributes
- State and Session Management
- URL Rewriting
- Hidden Form Fields
- Cookies
- HttpSession
- Filters
- Listeners
- Annotations in Servlet Programming
- Authentication and Authorization (Security)
- Error Handling in Servlet & Welcome-file

### **4. ADV. JAVA – JSP**

- Introduction & JSP Tags
- Scripting Elements & JSP Implicit Objects
- Directives
- Standard Actions
- Using Java Bean in JSP
- Expression Languages with JSTL Introduction

- Working with JSTL
- Custom Tags
- MVC Architectures
- Deploying project using MVC

## 5. HTML

- Web Introduction & Internet Based Services
- Introduction to HTML
- Presentational or Formatting Tags
- HTML Images
- Anchor Tag
- HTML Tables
- Lists
- Frames & Div Tag
- HTML Forms
- HTML Form Controls
- HTML5
- HTML5 Canvas (2D and 3D Effects)
- HTML5 SVG & Canvas
- Multimedia
- HTML5 Geolocation

## 6. ORACLE

- DB Fundamentals
- RDBMS
- Oracle Introduction
- DDL
- DRL
- DML
- Functions
- Integrity Constraints
- Joins
- Sub Queries
- Transactions
- Views
- Indexes

- PL/SQL
- Error Handling
- Procedures
- Functions
- Triggers

## 7. CSS

- Introduction to CSS
- CSS Selectors
- CSS Attributes
- CSS Lists & CSS Tables
- Advanced Cascading Style Sheets
- Border, Text Properties & Backgrounds
- CSS3 2D & 3D Transforms
- CSS3 Transitions & CSS3 Animations
- CSS3 Multiple Columns
- CSS3 User Interface

## 8. JAVASCRIPT

- What is Scripting Language?
- The History of JavaScript
- More in JavaScript
- JavaScript Operators
- JavaScript Condition Controls
- JavaScript Looping Control Statements
- Arrays
- Functions
- JavaScript Object Basics
- Time Date Math
- JavaScript – Errors & Exceptions Handling
- JS OOPs
- JS HTML DOM
- Events in JavaScript
- Regular Expressions
- JavaScript Window Object
- JavaScript History Object & Cookies

- Web Hosting (Live Web Site)

## 9. REACTJS

- React Introduction
- React Essential Features And Syntax
- React Components, Props And State
- Styling Components
- Debugging React Apps
- React Component Life Cycle
- React Hooks
- React Component In Details
- HTTP Requests / Ajax Calls
- React Routing V5 And V6
- React Forms And Form Validation
- Deploying React App To The Web
- React Redux
- React Material UI
- Error Handling
- New Features Of React 18
- Unit Testing In React
- Webpack Primer
- Server-Side Rendering With React
- Deploying On Cloud

## 10. SPRING BOOT & MICROSERVICES

- Introduction to Spring Boot
- Building Spring Boot Application
- Rest Annotation with In Memory Database & CRUD
- Rest Annotation with Relation DB
- JPA Repository Concepts
- Actuator Concepts
- Spring Boot Custom Logging
- Spring Boot Profile Components
- Auto Configuration
- Thymeleaf Concepts
- Integration with Spring Web

- Spring Boot Security
- Database Concepts
- Core Concepts
- Microservices
- Microservices Design Considerations
- Spring Cloud
- Spring Cloud Config
- Netflix
- Fault Tolerance Concepts
- API Gateway
- Messaging Queue Concepts (CloudBus)
- OAuth2 Concepts
- Swagger API
- Cloud Hosting


## 11. TOOLS

- GIT
- GitHub
- Jenkins
- Docker
- Datadog
- JUnit
- Mockito
- Jmeter
- Maven
- Jira
- Sonarqube
- SLF4J
- ELK
- Heroku
- Chef

## Trending Software Testing courses

Manual Testing 

Selenium Automation 

Tocsa 

ETL Testing 

Performance Testing 

API Testing 

Load runner 

J-meter 

Neo load 

## Most Trending Courses

Data Science 


Data Analytics 

Scrum Master 

## Most Demand Courses

AWS DevOps 

Azure DevOps 

Power BI 

Java Full Stack 

Python Full Stack 

Cyber Security 



## Our Branch



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