

# Java Full Stack Training

Industry-Ready IT Skills | Live Projects | Placement Support



## Training Mode & Duration

Mode: Offline & Online (Flexible Learning Options)

Duration: 8-12 Weeks

Batch Schedule: Multiple batches available to suit your timing

## Training Modules

### 1. Core Java (Java 8 → Java 21 Features)

- Java Introduction & Architecture
- Data Types, Variables, Operators
- Control Statements & Loops
- OOP Concepts (Encapsulation, Inheritance, Polymorphism, Abstraction)
- Exception Handling
- Collections Framework
- Multithreading & Concurrency
- File Handling (I/O, NIO.2)
- Java 8 Features (Lambda, Streams, Functional Interfaces, Default/Static Methods)
- Java 11 Features (var, API improvements)
- Java 17 Features (Sealed Classes, Pattern Matching for instanceof)
- Java 21 Features (Latest LTS)

### 2. Advanced Java

- JDBC
- Servlets
- JSP & JSTL
- MVC Architecture
- Java Mail API
- REST & SOAP Web Services Basics

### 3. Spring & Spring Boot

- Spring Core (IoC, DI)
- Spring MVC
- Spring Boot Fundamentals
- Spring Boot REST API Development
- Microservices Architecture
- Spring Data JPA / Hibernate
- Spring Security (JWT, OAuth2, Role-Based Access)
- Actuator, Lombok, DevTools
- API Documentation (Swagger / OpenAPI)
- Caching & Scheduling

### 4. Frontend Technologies

- HTML5, CSS3
- Bootstrap, Responsive UI
- JavaScript (Basics → Advanced)
- ES6+ Features
- DOM Manipulation
- AJAX & Fetch API
- npm, Build Tools

### 5. Angular / React (Choose One or Both)

#### Angular

- TypeScript
- Components, Modules
- Routing
- Services & DI
- Forms (Reactive & Template-driven)
- HTTP Client
- Pipes & Directives

#### React

- JSX & Functional Components
- Props & State
- Hooks (useState, useEffect, custom hooks)
- Context API
- React Router
- API Integration

### 6. Database

#### SQL (MySQL / PostgreSQL / Oracle)

- Tables, Constraints
- Joins
- Stored Procedures

#### NoSQL

- MongoDB Basics
- CRUD Operations

Build Skills. Build Confidence. Become Industry-Ready

 [For Registration and Demo](#)

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[Seats are limited - enroll now to secure your spot and begin](#)

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