

Java Full Stack Training

Industry-Ready IT Skills | Live Projects | Placement Support



NexGenITLabs

We are committed to transforming learners into confident, industry-ready professionals. This program is structured to bridge the gap between academic learning and the real expectations of the corporate world. Whether you're a fresher or looking to transition into IT, this is your opportunity to gain practical skills, confidence, and professional competency.



With over 15 years of IT experience, our instructor has served as a Solution Architect across leading global organizations, delivering enterprise-scale solutions. His expertise includes application development, cloud engineering, DevOps, microservices, and AI-driven systems.

 **For Registration and Demo**

 **Contact: +91-8431893406, 9844551434**

 **Email: support@nexgenitlabs.com**

Seats are limited - enroll now to secure your spot and begin your journey toward a successful career in IT.



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