

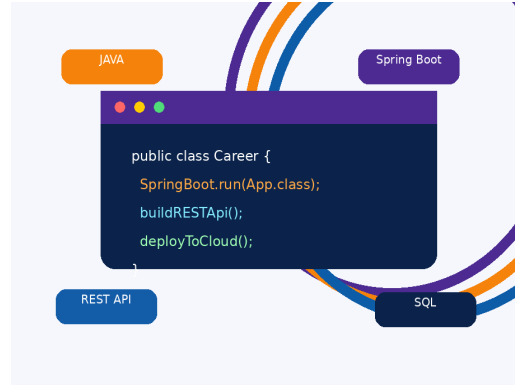


IT Expert Technology

Training and Placement

Now You Can Code

FULL STACK JAVA DEVELOPMENT (COMPLETE COURSE)



100% PLACEMENT ASSISTANCE

LIVE PROJECTS | INTERVIEW PREPARATION



PRACTICAL
Coding Training



SPRING BOOT
REST API Projects



GITHUB
Portfolio Support



MOCK
Interview Practice

**ADMISSIONS
OPEN**

**JOIN NOW - BOOK YOUR COUNSELLING
TODAY**

Core Java

Spring Boot

REST API

SQL + MySQL

Live Projects

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COURSE OVERVIEW

A practical program to become job-ready in Java full stack development.

The Full Stack Java Development Course at IT Expert Technology Training and Placement is designed for students, freshers, graduates and working professionals who want to build a strong career in Java web and backend development. Students learn Core Java, OOP, SQL, HTML, CSS, JavaScript, Bootstrap, JDBC, Spring Boot, REST API, GitHub, deployment and project portfolio preparation with interview-focused practical training.

Practical First

- Coding exercises and debugging practice
- Assignments after each module
- Real project implementation
- Interview-focused coding tasks

Industry Tools

- Java, Spring Boot and REST API
- IntelliJ IDEA / Eclipse / VS Code
- MySQL, JDBC, Hibernate/JPA
- GitHub, Postman and deployment tools

Project Portfolio

- Mini projects and live project-style apps
- GitHub repository with README
- Final capstone project
- Project screenshots and explanation notes

Career Support

- Resume building and LinkedIn guidance
- Technical and HR interview preparation
- Project presentation practice
- 100% Placement Assistance

Best Suitable For: BCA, BCS, BSc CS/IT, MCA, MSc CS/IT, BE/BTech, Diploma and technical/non-technical graduates. Freshers, final-year students and working professionals who want to upgrade to Java full stack development.

WHAT YOU WILL LEARN

Clear outcomes after course completion.

1 Development Skills

- Build complete full stack web applications from scratch.
- Create responsive UI using HTML, CSS, Bootstrap and JavaScript.
- Develop backend logic using Java, JDBC and Spring Boot.
- Create SQL-based CRUD applications with MySQL.
- Build REST APIs and test them using Postman.
- Deploy projects and manage code using GitHub.

2 Professional Skills

- Prepare interview-ready project documentation.
- Build GitHub portfolio and resume keywords.
- Practice Java, SQL, Spring Boot and project interview questions.
- Explain project flow, database design and deployment clearly.
- Understand version control and professional workflow.
- Prepare for placement interviews with confidence.

WHY THIS COURSE WORKS

- Learn by building - not only watching theory.
- Module-wise assignments, debugging practice and trainer-guided project work.
- Full stack workflow: frontend, backend, database, REST API, GitHub and deployment.
- Interview-focused portfolio with live projects and documentation.

Training Type	Mode	Projects	Placement
Practical + Project-Based	Classroom / Online / Hybrid	Mini Projects + Capstone	100% Assistance

ONE COMPLETE COURSE PLAN

One professional course plan with practical training, projects and 100% Placement Assistance.

FULL STACK JAVA DEVELOPMENT COURSE - ALL BENEFITS INCLUDED

- Core Java, OOP, collections, exceptions and SQL
- HTML5, CSS3, Bootstrap and JavaScript
- JDBC, Hibernate/JPA, Spring Boot and REST API
- 20 practical projects plus final capstone project
- Resume, LinkedIn and GitHub portfolio support
- Mock interviews and technical preparation
- Certification support as per institute policy
- 100% Placement Assistance

COURSE FEE DETAILS & STUDENT BENEFITS

Regular Course Fee	Rs. 40,000
Discounted Course Fee	Rs. 30,000
One-Time Payment Offer	Rs. 27,000

IMPORTANT FEE & PLACEMENT CLARIFICATIONS

- IT Expert Technology provides 100% Placement Assistance with resume guidance, mock interviews and job opportunity support.
- Placement outcome depends on student skills, attendance, project completion, interview performance and employer selection.
- Students receive portfolio support, LinkedIn guidance and project presentation practice.
- Course discounts and fee offers are valid only when recorded on the official fee receipt.

COURSE ROADMAP

Step-by-step professional learning journey.

1	Phase 1 Foundation IT basics, Java setup, Core Java, OOP, exception handling and developer setup.
2	Phase 2 Database + Backend SQL, MySQL, JDBC, Hibernate/JPA, Servlet/JSP basics and CRUD applications.
3	Phase 3 Frontend HTML5, CSS3, Bootstrap, JavaScript and responsive UI development.
4	Phase 4 APIs + Deployment Spring Boot, REST APIs, Postman testing, GitHub, hosting and production setup.
5	Phase 5 Career Portfolio Live projects, documentation, resume, mock interviews and placement preparation.

AFTER COMPLETING THIS ROADMAP, STUDENT CAN

- Develop complete database-driven web applications.
- Build frontend pages, backend logic and REST APIs.
- Deploy projects and present work professionally on GitHub.
- Face technical interviews with project-based confidence.

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

01 IT Foundation & Development Setup

KEY TOPICS

- Computer basics for developers and software installation workflow.
- JDK installation, IDE setup and project folder structure.
- Command line, Git basics and coding best practices.
- Professional development habits and debugging mindset.

PROFESSIONAL OUTCOME

Development environment ready with clean Java project structure.

HANDS-ON LAB Install tools and create first Java project.

MINI PROJECT Developer setup checklist.

INTERVIEW FOCUS JDK, IDE, Git and folder structure.

Setup JDK IntelliJ Eclipse Git

02 Core Java Programming Fundamentals

KEY TOPICS

- Java overview and applications in enterprise development.
- Variables, data types, operators and type conversion.
- Input/output, conditions, loops and functions/methods.
- Arrays, strings and simple problem solving.

PROFESSIONAL OUTCOME

Strong Java foundation for backend development.

HANDS-ON LAB Write programs using conditions, loops and methods.

MINI PROJECT Console-based billing or marks app.

INTERVIEW FOCUS Variables, loops, methods and arrays.

Java Basics Methods Arrays

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

03 Object-Oriented Programming in Java

KEY TOPICS

- Classes, objects, constructors and access modifiers.
- Encapsulation, inheritance, polymorphism and abstraction.
- Interfaces, packages and static/final keywords.
- Real-time OOP design and examples.

PROFESSIONAL OUTCOME

Object-oriented Java code with real-world class design.

HANDS-ON LAB Implement OOP examples and class models.

MINI PROJECT Library or banking system model.

INTERVIEW FOCUS OOP pillars, constructors and interfaces.

OOP Classes Objects Interfaces

04 Exception Handling & File Handling

KEY TOPICS

- try, catch, finally and throw/throws.
- Checked and unchecked exceptions.
- Custom exceptions and error handling strategy.
- Read/write files and handle text/CSV data.

PROFESSIONAL OUTCOME

Reliable Java applications with error handling and basic file persistence.

HANDS-ON LAB Create exception-handled file programs.

MINI PROJECT File-based record manager.

INTERVIEW FOCUS Exception types and file modes.

Exceptions Files IO CSV

MODULE-WISE SYLLABUS

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05 Collections Framework & Generics

KEY TOPICS

- ArrayList, LinkedList, HashSet, TreeSet and HashMap.
- Iterator, Comparable and Comparator.
- Generics and type-safe collections.
- Practical data storage and searching examples.

PROFESSIONAL OUTCOME

Ability to manage data collections in Java applications.

HANDS-ON LAB Build collection-based CRUD examples.

MINI PROJECT Employee/contact manager.

INTERVIEW FOCUS List, Set, Map and sorting.

[Collections List Map Generics](#)

06 Java 8 Features & Advanced Core Java

KEY TOPICS

- Lambda expressions and functional interfaces.
- Stream API filtering, mapping and reduction.
- Date/time API and optional class.
- Multithreading basics and synchronization overview.

PROFESSIONAL OUTCOME

Modern Java coding skill for interview and real projects.

HANDS-ON LAB Use streams and lambda on datasets.

MINI PROJECT Sales data summary using Stream API.

INTERVIEW FOCUS Lambda, streams and threading basics.

[Java 8 Streams Lambda Threads](#)

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

07 Database & SQL

KEY TOPICS

- DBMS/RDBMS concepts, tables, keys and relationships.
- SQL DDL, DML and DQL commands.
- SELECT, WHERE, GROUP BY, JOIN and subqueries.
- MySQL setup and database practice.

PROFESSIONAL OUTCOME

Strong SQL foundation for Java database applications.

HANDS-ON LAB Write SQL queries and design tables.

MINI PROJECT Student records database.

INTERVIEW FOCUS DDL, DML, joins and grouping.

SQL MySQL Joins Queries

08 JDBC & Database Connectivity

KEY TOPICS

- JDBC architecture and drivers.
- Connection, Statement, PreparedStatement and ResultSet.
- CRUD operations using Java and MySQL.
- Transaction handling and SQL injection prevention basics.

PROFESSIONAL OUTCOME

Database-connected Java application with CRUD workflow.

HANDS-ON LAB Connect Java app with MySQL.

MINI PROJECT Student management CRUD app.

INTERVIEW FOCUS JDBC objects and PreparedStatement.

JDBC CRUD MySQL Database

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

09 Web Programming & HTML5

KEY TOPICS

- Website architecture, URL, browser and server basics.
- HTML structure, tags, links, images and tables.
- Forms, input types, fieldset and semantic elements.
- Media, iframe and page structure.

PROFESSIONAL OUTCOME

Professional page structure for frontend development.

HANDS-ON LAB Create structured HTML pages and forms.

MINI PROJECT Portfolio page or registration form.

INTERVIEW FOCUS HTML structure and forms.

HTML5 Forms Tables Semantic

10 CSS3, Bootstrap & Responsive Design

KEY TOPICS

- CSS syntax, selectors and stylesheet strategies.
- Box model, colors, fonts, position and layout.
- Bootstrap grid, navbar, cards, forms and buttons.
- Responsive layouts for mobile and desktop.

PROFESSIONAL OUTCOME

Attractive and responsive web page styling skills.

HANDS-ON LAB Style pages using CSS and Bootstrap.

MINI PROJECT Responsive course landing page.

INTERVIEW FOCUS Selectors, box model and grid.

CSS3 Bootstrap Responsive

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

11 JavaScript & Interactive UI

KEY TOPICS

- JavaScript syntax, variables, functions and arrays.
- Objects, conditions, loops and DOM interaction.
- Form validation, events and dynamic page actions.
- Basic frontend logic for web apps.

PROFESSIONAL OUTCOME

Interactive and validated frontend pages.

HANDS-ON LAB Create validation and dynamic UI actions.

MINI PROJECT Interactive calculator or validation form.

INTERVIEW FOCUS Functions, DOM and events.

JavaScript DOM Events Validation

12 Servlets, JSP & MVC Basics

KEY TOPICS

- Servlet life cycle and request/response handling.
- JSP syntax, expressions and directives.
- Session, cookies and MVC web flow.
- Basic dynamic Java web application.

PROFESSIONAL OUTCOME

Understanding of Java web application workflow.

HANDS-ON LAB Create servlet/JSP pages and forms.

MINI PROJECT Login and registration module.

INTERVIEW FOCUS Servlet lifecycle and session.

Servlet JSP MVC Web

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

13 Spring Framework Fundamentals

KEY TOPICS

- Spring IoC and dependency injection.
- Bean configuration and application context.
- Spring MVC overview and controllers.
- Layered architecture and service classes.

PROFESSIONAL OUTCOME

Foundation for enterprise Java application development.

HANDS-ON LAB Create Spring MVC style components.

MINI PROJECT Simple Spring service app.

INTERVIEW FOCUS IoC, DI and MVC basics.

Spring IoC DI MVC

14 Spring Boot Application Development

KEY TOPICS

- Spring Boot setup and project structure.
- Controllers, services, repositories and configuration.
- Spring Boot starter dependencies and application properties.
- Error handling and logging basics.

PROFESSIONAL OUTCOME

Working Spring Boot web application with clean structure.

HANDS-ON LAB Create Spring Boot app with layers.

MINI PROJECT Course/student backend app.

INTERVIEW FOCUS Annotations, starters and layers.

Spring Boot Controllers Services

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

15 Spring Data JPA & Hibernate

KEY TOPICS

- ORM concepts and entity mapping.
- Repositories, CRUD methods and custom queries.
- Relationships, validations and pagination basics.
- Database integration with Spring Boot.

PROFESSIONAL OUTCOME

Spring Boot application with database persistence.

HANDS-ON LAB Create entities and repositories.

MINI PROJECT Database-backed course app.

INTERVIEW FOCUS JPA, entities and repositories.

JPA Hibernate ORM Repository

16 REST API Development & Postman

KEY TOPICS

- API concepts and HTTP methods.
- REST controllers and JSON request/response.
- CRUD APIs and status codes.
- Postman testing and API documentation basics.

PROFESSIONAL OUTCOME

API-ready backend development skill.

HANDS-ON LAB Build and test CRUD APIs using Postman.

MINI PROJECT Student records REST API.

INTERVIEW FOCUS HTTP methods, JSON and testing.

REST API JSON Postman

MODULE-WISE SYLLABUS

Professional, readable modules with practical deliverables.

17 Authentication, Security & Role Dashboard

KEY TOPICS

- User registration, login and session basics.
- Spring Security overview and password management.
- Role-based access and dashboards.
- Secure forms and basic best practices.

PROFESSIONAL OUTCOME

Secure user-based Java web applications.

HANDS-ON LAB Implement login and role-based pages.

MINI PROJECT Admin/student dashboard.

INTERVIEW FOCUS Sessions, roles and security basics.

Security Auth Roles Dashboard

18 Deployment, Hosting & Troubleshooting

KEY TOPICS

- Production setup and configuration files.
- GitHub workflow and README documentation.
- Deployment options and demo preparation.
- Common errors, debugging and troubleshooting.

PROFESSIONAL OUTCOME

Deployable project with professional documentation and demo readiness.

HANDS-ON LAB Prepare project for deployment and demo.

MINI PROJECT Deploy final Spring Boot project.

INTERVIEW FOCUS GitHub, deployment and debugging.

Deployment GitHub Troubleshooting

TOOLS & TECHNOLOGIES

Hands-on exposure to a modern Java full stack development stack.

Programming

- Core Java
- OOP
- Collections
- Exception Handling
- Java 8
- Streams

Backend

- Spring Boot
- Spring MVC
- Spring Data JPA
- Hibernate
- Security Basics
- REST API

Frontend

- HTML5
- CSS3
- Bootstrap
- JavaScript
- Responsive UI
- Validation

Database & APIs

- SQL
- MySQL
- JDBC
- JSON
- Postman
- API Testing

Workflow

- IntelliJ / Eclipse
- VS Code
- Git
- GitHub
- README
- Debugging

Deployment

- Maven
- Requirements Setup
- Hosting Basics
- Static / Media Files
- Environment Config
- Demo Checklist

Developer Skill Outcome

- Build frontend, backend and database modules as one complete application.
- Use GitHub, README, screenshots and deployment links for a professional portfolio.
- Understand common interview questions across Java, Spring Boot, SQL, frontend and project flow.

LIVE PROJECTS & PORTFOLIO

Practical mini projects and final capstone project.

Project Name	Technology Focus	Outcome
Personal Portfolio Website	HTML, CSS, Bootstrap	Responsive profile website
Student Registration System	Java, JDBC, SQL	CRUD-based app
Login & Role-Based Dashboard	Servlet/JSP or Spring Boot	Student/admin login
Task Management App	Spring Boot + JPA	Daily task tracker
Blog / News Portal	Spring MVC / Boot	Content publishing
Course Management System	Spring Boot, Database	Course records
E-Commerce Mini Project	Spring Boot, Cart, Orders	Shopping workflow
Job Portal Mini Project	Spring Boot, Forms	Candidate/job flow
REST API for Student Records	Spring Boot, Postman	CRUD backend API
Final Capstone Project	Full Stack Java	Deployable project

Project Development Support

- Project planning, database design and module explanation.
- Code implementation, debugging support and deployment guidance.
- GitHub upload, README writing, screenshots and final presentation support.

CERTIFICATION & STUDENT BENEFITS

Professional support beyond classroom learning.

Certification Included

- IT Expert Technology course completion certificate after successful attendance, assignments and project completion.
- External certification support as per institute policy and provider availability.
- Project completion support for portfolio presentation and interviews.

Student Benefits

- Practical training with real coding practice from basic to advanced level.
- Trainer support for doubts, assignments and project errors.
- Live project development to build resume and GitHub portfolio.
- Mock interviews, technical questions and feedback.

PROFESSIONAL DEVELOPMENT SUPPORT

- Resume building with Java, Spring Boot, SQL, REST API and full stack project keywords.
- LinkedIn profile improvement and job search guidance.
- GitHub project upload with README, screenshots and explanation notes.
- Mock interviews with Java, SQL, Spring Boot, frontend and project-based questions.
- Aptitude, communication and HR preparation as per batch schedule.
- Interview-ready explanation of project problem, database design, modules, result and deployment.

Career-Ready Outcome

- Resume + GitHub + Live Projects + Interview Practice. Students complete the course with professional project documentation and confidence to explain Java full stack applications in interviews.

PLACEMENT ASSISTANCE & STUDENT BENEFITS

Career support, eligibility requirements and professional development guidance.

100% PLACEMENT ASSISTANCE INCLUDES

- Resume preparation with Java, Spring Boot, SQL, REST API and project keywords.
- LinkedIn and GitHub portfolio guidance with project documentation support.
- Mock interviews, technical question practice and HR preparation sessions.
- Job opportunity sharing, interview coordination and follow-up support.
- Professional communication, project presentation and deployment demo guidance.

STUDENT RESPONSIBILITIES

- Maintain regular attendance or complete approved make-up sessions.
- Complete assignments, tests, practical tasks, projects and capstone submission.
- Prepare an updated resume, LinkedIn profile, GitHub profile and project documentation.
- Attend suitable interview opportunities shared or arranged by the institute.
- Maintain discipline, timely communication and accurate information.

Placement Outcome Note

- Placement assistance supports students in career preparation and interview opportunities. Final selection depends on student performance, eligibility and employer requirements.

STUDENT BENEFITS & CAREER SUPPORT

- Live project guidance with final capstone and deployment support.
- Resume, LinkedIn and GitHub portfolio preparation.
- Mock interviews, technical revision and HR preparation.
- Job opportunity sharing and interview coordination support.

ADMISSION PROCESS

Simple onboarding flow from counselling to certification and placement readiness.

1	Counselling and course/payment plan explanation.
2	Student admission form and course fee confirmation.
3	Fee payment/registration and official receipt generation.
4	Batch allocation and software setup guidance.
5	Course start, attendance tracking, assignments and project development.
6	Course completion, certification and placement-readiness process.

DOCUMENTS REQUIRED

- Photo ID proof such as Aadhaar, PAN, Passport or Driving License.
- Education proof or latest qualification document.
- Passport-size photo if required for institute records.
- Updated resume for placement assistance students.

IMPORTANT BROCHURE NOTES

- Final course duration, batch timing and mode will be confirmed during counselling.
- Syllabus topics may be updated based on industry demand and student readiness.
- Fee plans, discounts and special offers are valid only when recorded on the official receipt.
- Placement Assistance does not assure selection, employment, salary, company, location or joining.

JOIN FULL STACK JAVA COURSE

Start learning with practical training and project-based mentoring

ADMISSIONS OPEN

IT Expert Technology Training and Placement

NOW YOU CAN CODE

Course Tracks

- Core Java | Spring Boot | REST API | SQL

Career Support

- 100% Placement Assistance

Portfolio

- Live Projects + GitHub Docs

BOOK YOUR COUNSELLING SESSION TODAY

ONE COMPLETE COURSE PLAN | 100% PLACEMENT ASSISTANCE

Contact Details

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Brochure Note: Final course duration, batch timing, fee plan, certification details, placement assistance details and special offers will be confirmed during admission counselling and on the official fee receipt.