



Java Programming Program

Build Robust Applications. Master Object-Oriented Programming.

Java is a **versatile, object-oriented, and platform-independent language** used in everything from **web apps and mobile apps** to **enterprise systems and embedded devices**. Its scalability and strong community support make it one of the most in-demand languages worldwide.





At **Certed Technologies**, our **Java Programming Program** is designed to provide a **deep, hands-on understanding of core Java concepts, OOP principles, real-world applications, and frameworks** essential for modern software development.



Why Java? Why Now?

Java remains one of the **most stable and powerful languages** in industry and academia. It is the backbone of **Android development, backend enterprise apps, banking systems, and more**.

Why Java is still a top choice in 2025:

-  90%+ of enterprise software runs on Java
 -  Core to Android app development and backend APIs
 -  Commonly used in **placement tests, technical interviews, and GATE**
 -  Known for **performance, reliability, and security**
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Learn from Experienced Java Developers

Our instructors are **senior software engineers, backend developers, and Java architects** with experience building scalable systems and enterprise-grade applications.



Program Highlights

Feature	Details
Duration	2 Months / 60–70 Hours
Delivery Mode	Hybrid (Online + Offline)
Tools Covered	IntelliJ IDEA, Eclipse, NetBeans, JDK, VS Code
Project Work	4 Mini Projects + 1 Capstone Project
Certifications	Certed Technologies Certificate + Java Developer Badge
Career Support	Resume Prep, Java Interview Training, Placement Guidance

What You'll Learn

Module 1: Introduction to Java

- Features & Applications
- Java Installation, JDK, JRE
- First Java Program & Compilation Process

Module 2: Data Types, Operators & Control Flow

- Primitive & Non-Primitive Data Types
- Operators and Expressions
- Decision-Making & Looping Structures

Module 3: OOP in Java

- Classes & Objects
- Inheritance, Encapsulation, Polymorphism
- Abstraction & Interface

- Constructor, Method Overloading & Overriding

Module 4: Arrays, Strings & Exception Handling

- Arrays (1D, 2D) and ArrayLists
- String Class and StringBuilder
- Exception Types, Try-Catch, Custom Exceptions

Module 5: Java Collections Framework (JCF)

- List, Set, Map, Queue Interfaces
- HashMap, LinkedList, TreeSet, Stack
- Iterators and Lambda Expressions

Module 6: File I/O and Multi-threading

- File Reading/Writing (FileReader, FileWriter)
- Serialization and Deserialization
- Threads, Runnable Interface, Synchronization

Module 7: JDBC and Capstone Project

- Database Connectivity with MySQL/PostgreSQL
- Performing CRUD Operations
- Capstone Project Examples:
 - Library Management System
 - Student Registration Portal
 - Employee Payroll System

Who Should Enroll?

- BTech/BCA/MCA students from any semester
- Beginners in programming who want to start strong
- Developers preparing for interviews, certifications, and GATE
- Professionals moving into **enterprise app or Android development**

Career Outcomes

This course prepares you for roles such as:

- Java Developer
- Backend Developer
- Android Developer (Java-based)
- Enterprise Application Developer
- Software Engineer (Core Java)

Industries That Rely on Java:

Banking | Insurance | Telecom | E-commerce | Android | EdTech | SaaS

Tools & Platforms Covered

JDK | IntelliJ IDEA | Eclipse | NetBeans | MySQL | JDBC | GitHub | Online Compilers | JavaFX (Intro)

Sample Project Ideas

- Student Database System
 - E-commerce Product Catalog (Console-Based)
 - Chat Application using Threads
 - Leave Management System
 - Expense Tracker with File Storage
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Certification

Receive a **Certed Technologies Certificate** and a **Java Developer Proficiency Badge**, recognized by hiring partners and aligned with global Java standards.

What Makes This Course Unique?

- ✓ Real-World Project Development in Java
 - ✓ Java + JDBC + File Handling Integrated
 - ✓ Focused on OOP, Collections & Multi-threading
 - ✓ Excellent for Tech Interviews & Product-Based Roles
 - ✓ Foundation for Spring Boot, Android, and Full Stack
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Upcoming Batch

Batch Start Date	Mode	Status
15 July 2025	Online	Open
22 July 2025	Offline	Few Seats Left
05 August 2025	Hybrid	Open

Custom Java Training for Colleges & Corporates


Customized Java training options for:


- Academic Institutions (Java + DSA + Mini Projects)
- Java Developer Onboarding (Java Core + JDBC + Collections)
- Corporate Upskilling (Java for Backend Dev Teams)

Customization Options

- Add DSA Integration
- Include Java + MySQL DB Management
- Combine Java + Spring Boot (Optional)
- Dedicated Placement Prep + Weekly Coding Tests

Talk to an Advisor

 Email: support@certedtechnologies.com

 Call/WhatsApp: +91-8920158923 | +91-9009015026

Ready to Code the Enterprise Way?

“Java isn’t just a language—it’s a platform that powers the world’s biggest systems.”

Join the Java ecosystem and become a certified, industry-ready developer.

[ Enroll Now] [ Request a Callback]

Frequently Asked Questions (FAQs)

1. Is Java still relevant in 2025?

Yes! Java remains dominant in enterprise development, Android apps, and backend

services.

2. **Do I need to know C or Python before Java?**

No. We start from basics and guide you through Java syntax and logic.

3. **Will I work on real-world projects?**

Yes. You'll build functional apps using file handling, JDBC, and OOP.

4. **Can I use this knowledge for Android Development?**

Absolutely. Java is one of the primary languages for Android.

5. **Is placement preparation included?**

Yes! We include Java coding questions, MCQs, and resume tips tailored for tech interviews.