

# Rooted | Recruited

ROOTED IN SKILLS, RECRUITED FOR SUCCESS.

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## Java Full Stack Development Program

TRANSFORMING POTENTIAL INTO PROFESSIONALS.



# About ITROOTS

At ITROOTS, we believe in transforming potential into professional excellence.

With over two years of proven success in offline training, ITROOTS now brings its industry-focused expertise online, empowering learners across India to become job-ready professionals.

**Our mission** is to equip every learner with industry-ready skills, hands-on experience, and career confidence through AI-integrated, project-based learning.

## Why Choose ITROOTS?

Choosing the right training partner can define your career and at ITROOTS, we turn your goals into guaranteed outcomes.

### Why learners and employers trust us:



100% Placement Guarantee: We ensure every learner achieves their career goal.



Refund Guarantee: If we don't deliver as promised, your investment is safe.



Post-Placement Support: Continued guidance even after you're hired.



Lifetime Career Assistance: Ongoing mentorship and growth support



Project-Oriented, AI-Integrated Training: Learn through live, industry-level projects.



Expert Mentorship: Trainers with 10+ years of industry experience



Daily 5-6 Hours of Practical Training: Focused, hands-on sessions.



Regular Assessments & Mock Interviews: Build confidence before stepping into interviews.

*At ITROOTS, you don't just learn, you build, apply, and grow with every step.*

# Program Overview

The Java Full Stack Development (AI-Integrated) Program is a complete 6-month career transformation journey designed to make you an industry-ready developer.

You'll learn to build applications from scratch to mastering frontend, backend, and database development, while integrating AI tools that enhance productivity, debugging, and real-world problem-solving.

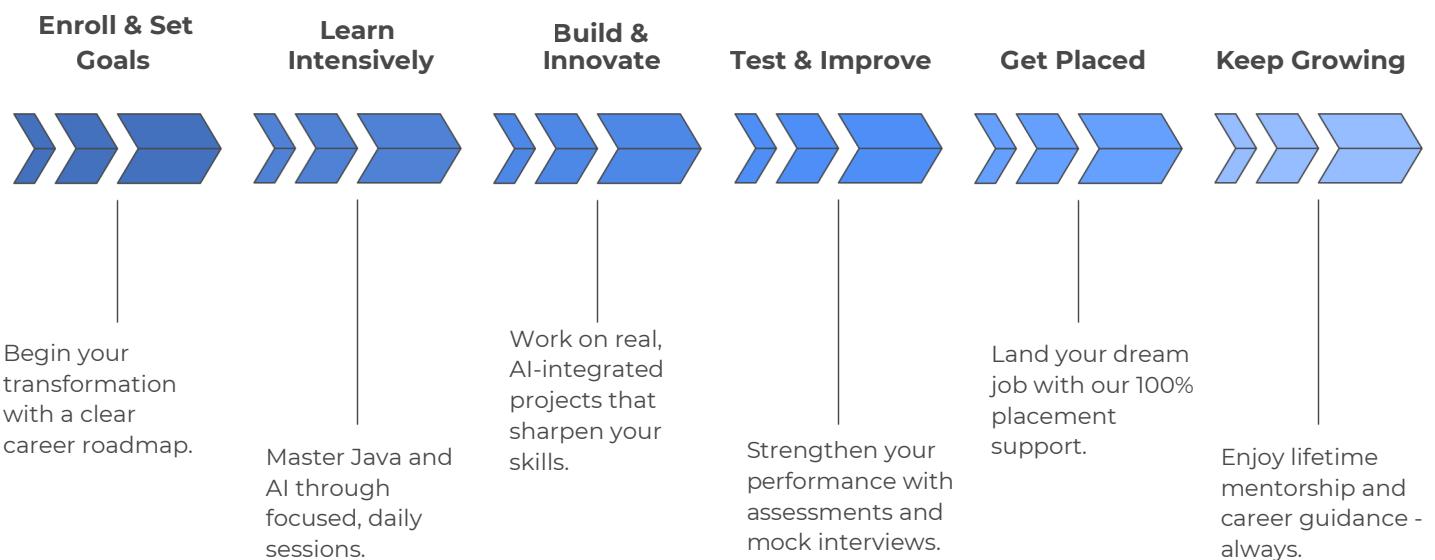
**Duration:** 6 Months

**Mode :** Online / Offline

**Ideal for:** Graduates, Job Seekers, and Working Professionals

## The Learning Journey

Every learner at ITROOTS follows a path that ensures real progress and measurable results:



# Java Full Stack Syllabus

## MODULE -1

70 Hours

### Programming Fundamentals

- Introduction to programming languages
- Data Types, Variables, Arrays, Strings & Operators
- Control statements & Looping statements
- Functions, File handling
- Data structure overview

### SQL

- Syntax, Data types, Operators
- DDL, DML, DCL
- Constraints
- Clause, Keys, Functions
- SQL Joins

### Soft Skill

- Communication skills
- Group discussion
- Writing skills
- Interview skills
- Resume writing

Till you get placed

## MODULE-3

90 Hours

### Core Java

- String class, Collection Framework
- Exception Handling, Multithreading
- JDBC
- Hibernate

### Advance UI

- React /Angular

### Mini Projects

- Student Management System
- Product Inventory Management System

## MODULE-5 to MODULE-7

### Onsite Internship

Every Saturday

Monthly

## MODULE-2

90 Hours

### Core Java

- Introduction to Java Data Types, Variables, Strings, Operators
- Control & Looping statements
- OOP's – Class, Object, Inheritance,
- Polymorphism, Abstraction, Encapsulation

### Core UI

- HTML
- CSS
- Java Script
- Boot Strap
- J Query

### Aptitude

- Number system, percentages, profit & Loss, simple interest
- Compound interest, Ratio, Proportion,
- Averages Mixtures and Allegations
- Time And Work, Time Speed and Distance,
- Permutation and Combination, Probability,
- Geometry,
- Number Series, Coding Decoding, Directions,
- Blood Relations, Puzzle Based Problems, Cube
- & Dice, Set Theory etc.

## MODULE-4

90 Hours

### Advance Java

- J2EE – JSP, Servlet
- Spring Core
- Spring MVC
- Spring Boot

### Real World Projects

- Insurance Management System
- Loan Granting System

### Pre-Placement activities

- CV Preparation
- Interview Preparation
- Group Discussion

# Real World Project : Insurance



## 1. Project Scope

The main objective of this project is to create a secured, robust loan management system. Here, all the information on Loan is available to every user 24\*7.

## 2. Landing Page

Home Page  
About Us Page  
Contact Us

## 3. Account

Login Page Sign Up Page

## 4. Loan Application

Normal User can apply for loan and also can view applied loan status Admin can assign loan officer and field officer for particular application Field officer can do cross check of all documents and make remark Loan officer can review loan application can approve/reject Loan application

## 5. Admin

Admin can add/modify/delete user  
Admin can add/modify/delete loan officer  
Admin can add/modify/delete field officer  
Admin can generate all kind of reports

## 1. Project Scope

The main objective is to build a secured, robust insurance management system where the policies are managed properly. All the information of user, their policy, category of insurance is maintained on a single platform.

## 2. Landing Page

Home Page  
Category Page  
Sub-Category Page  
Policy Page

## 3. Account

Login Page  
Sign Up Page

## 4. Category

Admin can add/modify/delete category  
Normal User can view and get details of categories

## 5. Sub-Category

Admin can add/modify/delete sub-category  
Normal User can view and get details of sub-categories

## 6. Policies

Admin can add/modify/delete Policy  
Normal User can view and get details of Policy  
Normal User can apply for policy  
Admin can approve/reject policy request  
User can see details of all enrolled policies



# Our Role in Your Success

At ITROOTS, our commitment goes beyond teaching. We partner with you throughout your career journey. From learning the latest technologies to securing your dream job, we make sure you're guided, supported, and ready for real-world success.

## 1. Skill Advancement & Technology Mastery

We train you in the most in-demand tools and technologies used by leading IT companies.

You'll master:

- Frontend: HTML, CSS, JavaScript, Bootstrap, React / Angular
- Backend: Core Java, Spring Boot, Hibernate
- Database: MySQL, Oracle
- Tools & AI: Git, JIRA, Jenkins, AI-powered coding tools
- Practices: Agile, SDLC, MVC Architecture



Each session combines concepts with hands-on practice, ensuring you graduate with industry-ready skills and real project experience.

## 2. Continuous Career Support

We don't just train you; we prepare you to thrive.

Our dedicated career team provides:

- Resume & LinkedIn optimization
- Technical & HR mock interviews
- Personalized career counselling
- Access to exclusive job networks and hiring partners
- Lifetime mentorship for continuous growth and upskilling



## 3. Guaranteed Placement Assistance

Your success is our goal.

Through our **Hire → Train → Deploy** model, we ensure every learner is:

- Trained with AI-integrated, project-based sessions
- Evaluated through tests and mock interviews
- Deployed into top IT companies with complete career readiness



With our 100% Placement Guarantee and Refund Assurance, your journey with ITROOTS is result-driven, transparent, and focused on success.

# Alumni Success Stories



ITROOTS is one of the best institutes for training and placement. The trainers are experienced, supportive, and always approachable. I completed my Full Stack Java Certification from ITROOTS and got placed as a Software Developer. Grateful to the entire ITROOTS team for their constant guidance.

~ Priya Wagh

Joining ITROOTS was the best decision for my IT career. In just six months, I learned Frontend, Backend, and Database technologies and got placed within a week after completing the course. The placement team is truly dedicated and helpful throughout the process.

~ Harsh Patil



ITROOTS is an excellent place for learning and placement. The team is very supportive and helps you build knowledge from the basics, even if you come from a non-IT background. Thank you, ITROOTS, for helping me start my career with confidence.

- Mayur Aware

250+ Success stories so far and counting  
visit our website for more success stories and get inspired

## Our Client Partners



and many more....

# Our Commitment

***“Rooted in Skills. Recruited for Success.”***

At ITroots, we promise outcomes, not just education. With 100% Placement Guarantee, Refund Assurance, and Project-Oriented Training, every learner becomes a professional with confidence and clarity. We prepare you for industry success with real skills, real projects, and lifelong support.

***Your growth doesn't stop at placement, it starts there.***



## Contact Us

📍 Institute Address: ITRoots Pvt Ltd, Office No. 1319, 2nd floor, Rainbow Plaza, Jangali Maharaj Road, opposite Modern High School, Deccan, Shivajinagar, Pune, Maharashtra 411005

Scan to Enroll

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