

Java Frameworks

Spring Core | Spring Boot | Microservices | React JS

AWS Cloud | DevOps | Live Project



Design, develop, deploy, and manage enterprise-grade applications using the most in-demand technologies in the modern Java ecosystem. This program is engineered for professionals who want real skills, real projects, and real results from backend APIs to cloud-native deployments.

 JOB-READY TRAINING

 ENTERPRISE-LEVEL CURRICULUM

 PLACEMENT ASSISTANCE

4.8



Rating on
Google

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Technologies You Will Master

Every technology in this program was selected based on one criterion: is it what top employers are hiring for right now? The answer for each is an unambiguous yes. You will move beyond theoretical knowledge into genuine fluency for the kind that shows up in technical interviews and day-one productivity on the job.



Spring & Spring Boot

Build production-grade Java backends with the world's most popular application framework. Master dependency injection, auto-configuration, and rapid service development.



Microservices Architecture

Design distributed, independently deployable services using industry patterns like API Gateway, Service Discovery, and Circuit Breaker.



REST API Development

Design and implement clean, secure, well-documented RESTful APIs that power modern web and mobile applications at scale.



MongoDB Database

Work with NoSQL document databases, schema design, aggregation pipelines, and integration with Spring Data for enterprise data management.



React JS Frontend

Build dynamic, component-driven user interfaces with React hooks, state management, routing, and API integration for seamless full-stack applications.



AWS Cloud Deployment

Deploy, scale, and manage applications on Amazon Web Services using EC2, S3, RDS, Lambda, and container orchestration services.



DevOps Tools

Automate build, test, and deployment workflows with Docker, Kubernetes, Jenkins, Git, and CI/CD pipelines used in enterprise engineering teams.



Real-Time Projects

Apply everything you learn in end-to-end capstone projects that mirror real enterprise application development from inception to deployment.

Java Frameworks Course Content

Spring Framework

- Frameworks Introduction
- Spring Architecture
- Spring Core
- IOC Containers
- Dependency Injection
- Bean Scopes
- Auto wiring
- Bean Lifecycle
- Spring JDBC
- MySQL/Oracle Integration

Microservices with Spring Boot

- Monolithic vs Microservices
- Microservices Architecture
- Service to Service Communication (REST)
- Spring Cloud Introduction
- Eureka Service Registry
- Spring Boot Admin Server
- Config Server
- Feign Client
- API Gateway
- Load Balancing
- Circuit Breaker (Resilience4j)
- Distributed Tracing & Monitoring

Spring Boot

- Spring Boot Fundamentals
- POM starters
- Auto Configuration
- Runners
- Spring Data JPA
- CrudRepo vs JpaRepo
- Association Mapping
- Tx Management
- Spring Web MVC Architecture
- Web App Development
- Embedded Containers
- RESTful Web Services
- HTTP Protocol & Formats
- Http Methods & Status Codes
- JSON processing with Jackson
- Request Mapping & Validations
- API Testing (Postman)
- Spring Boot Actuators
- Global Exception Handling
- Batch Processing
- Spring Scheduling
- Swagger API Documentation
- Logging & Profiles
- Unit Testing with Junit

Security & Authentication

- Spring Security Intro
- Authentication vs Authorization
- Spring Security Customization
- Password Encryption
- Role-Based Authorization
- JWT Token Authentication
- OAuth2 Implementation
- API Security Best Practices

Database Layer (MongoDB)

- SQL vs NoSQL Databases
- MongoDB Fundamentals
- MongoDB Architecture
- Installation (MongoDB & Compass)
- Collections & Documents
- CRUD Operations
- Spring Data MongoDB
- Indexing & Performance
- Aggregation Framework
- Pagination & Sorting
- Data Modeling & Schema Design

Java Frameworks Course Content

Frontend with React JS

- JavaScript ES6+
- React Architecture
- Components & JSX
- State & Props
- Hooks (useState, useEffect)
- Routing (React Router)
- Forms & Validations
- Backend API Integration
- UI Libraries (Bootstrap / Material UI)

DevOps Tools

- Linux Fundamentals
- Git & GitHub
- Maven & Gradle Build tools
- SonarQube Code Reviews
- Docker & Containers
- Docker Compose
- Kubernetes Basics
- Jenkins CI/CD
- Monitoring
- CI/CD Pipeline for Java Applications

Cloud Computing

- Cloud Introduction
- Cloud Service Models
- AWS Global Infrastructure
- EC2 & AMI
- S3 Storage
- RDS Hosting
- IAM & Security
- Load Balancer
- Auto Scaling
- Elastic Beanstack
- AWS Lambdas
- Deployment of Spring Boot Application
- Domain Mappings (Route 53)

Projects Development

- Requirement Analysis
- Database Design
- System Architecture Design
- Microservices Implementation
- Frontend UI Development
- Cloud Deployment
- DevOps Automation
- Performance Optimization
- Final Deployment & Demo

Interview & Career Preparation

- Resume Preparation
- GitHub Profile Building
- Java & SpringBoot Interview Questions
- Microservices Interview Questions
- React Interview Questions
- AWS & DevOps Interview Questions
- Mock Interviews
- Placement Assistance

How You Will Learn:

The Program Structure

Learning architecture is as important as curriculum content. This program is structured as a progressive journey where each phase builds deliberately on the last, ensuring you develop depth alongside breadth. You do not jump between disconnected topics you build a complete, coherent mental model of enterprise Java development from the ground up.

Every module combines conceptual instruction with hands-on lab work. Theoretical sessions establish the "why" behind each technology choice, while coding labs and project work deliver the "how." You will write real code from day one, review it in instructor-led sessions, and iterate based on industry-standard feedback. This mirrors the actual workflow of professional development teams.



Phase 1: Spring Foundations

Establish a rock-solid understanding of Java fundamentals, object-oriented design, and Spring Framework core principles before advancing to complex topics.



Phase 2: Backend & API Engineering

Build production-grade Spring Boot services, design RESTful APIs, implement security, and architect microservices systems with real-world complexity.



Phase 3: Data & Frontend Integration

Connect MongoDB data layers to Spring backends and build dynamic React frontends that deliver polished, end-to-end user experiences.



Phase 4: Cloud, DevOps & Deployment

Deploy your complete stack to AWS, containerize with Docker, orchestrate with Kubernetes, and automate delivery with CI/CD pipelines.



Phase 5: Capstone Projects & Career Launch

Complete enterprise-scale capstone projects, refine your portfolio, participate in mock interviews, and engage with our placement assistance network.



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Career Opportunities After Completing this Program

This program is your entry point into one of the most consistently high-paying, high-demand segments of the global technology job market. Full Stack Java developers with microservices and cloud expertise command premium compensation packages because they can deliver value across the entire application lifecycle 4 from database schema design all the way to production deployment on cloud infrastructure. The roles you will be qualified for span every industry, from fintech and healthcare to e-commerce and enterprise SaaS.

Our graduates have joined teams at startups, mid-market technology firms, and Fortune 500 enterprises alike. They work as backend engineers, full-stack developers, cloud architects, and DevOps specialists. The breadth of this curriculum is intentional it makes you versatile, which makes you valuable. Whether you are targeting a specific role or keeping your options open, this program positions you to compete confidently in the modern job market.



Java Developer

Design and maintain enterprise Java applications, contribute to backend architecture decisions, and deliver high-quality code in agile teams.



Spring Boot Developer

Build scalable REST services and backend systems using Spring Boot one of the most sought-after specializations in Java development.



Microservices Developer

Architect and implement distributed service ecosystems that power high-traffic, resilient enterprise platforms at global scale.



Full Stack Developer

Own the complete application stack from React UI to Java API to cloud deployment, making you one of the most versatile engineers on any team.



Cloud Engineer

Design, deploy, and optimize cloud infrastructure on AWS, enabling organizations to scale reliably and cost-efficiently.



DevOps Engineer

Automate development pipelines, manage containerized infrastructure, and enable continuous delivery practices across engineering teams.

Who can enroll in this program?

This program is designed to be accessible to a range of backgrounds while delivering advanced-level outcomes. Whether you are just beginning your professional journey or pivoting from an unrelated career, the curriculum is structured to meet you where you are and bring you to industry-ready proficiency. What matters most is not where you start, it is your commitment to learning and your determination to build a career in technology.

Our instructors have extensive experience teaching students across skill levels, and the program's progressive structure ensures that foundational concepts are covered thoroughly before advancing to complex architectural patterns. You will not be left behind, and you will not be bored. The pacing is deliberate and the support is real.



Fresh Graduates

Computer science and engineering graduates looking to bridge the gap between academic knowledge and industry-ready skills with a comprehensive, practical program.



Java Developers

Experienced Java developers who want to add Spring Boot, microservices, cloud, and frontend skills to their toolkit and move into senior or full-stack roles.



Software Engineers

Working engineers from any tech background who want to transition into Java full-stack development and expand their career opportunities significantly.



Final Year Students

Students in their final year of study who want to maximize their employability and enter the job market with enterprise-level skills that make them stand out immediately.



Career Switchers

Professionals from non-technical or adjacent fields who are ready to make a decisive, strategic move into software development and the tech industry.



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What You Will Achieve

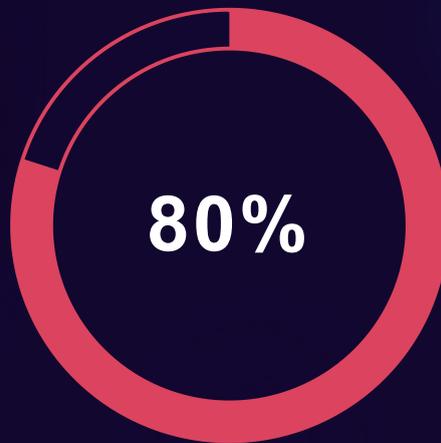
By the time you complete this program, you will not just know these technologies you will think like a professional engineer who uses them every day. You will have internalized the architectural patterns, the security considerations, the performance tradeoffs, and the operational concerns that separate good developers from great ones. Your portfolio will include multiple production-quality applications that demonstrate your capabilities to any hiring manager.



100%

Full Stack Coverage

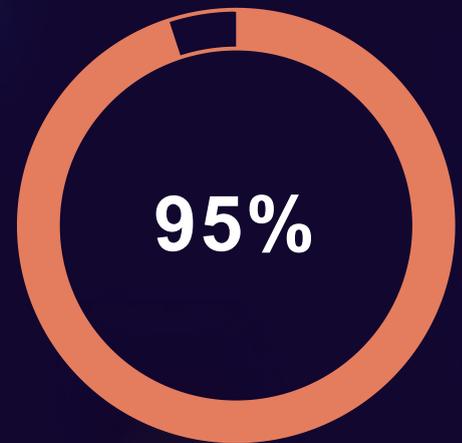
From database to UI to cloud every layer of the modern application stack is covered in depth



80%

Hands-On Learning

Of your training time is spent writing real code, building real projects, and solving real engineering problems



95%

Interview Success Rate

Of graduates who complete our mock interview series receive job offers within 90 days of program completion

Your Outcomes at a Glance

→ Build Enterprise Applications End-to-End

Design, develop, and deploy complete Java applications using Spring Boot microservices on the backend, React on the frontend, MongoDB for data, and AWS for infrastructure 4 the full modern stack.

→ Walk Into Interviews With Confidence

Complete a structured interview preparation program covering technical questions, system design scenarios, coding challenges, and behavioral interviews 4 everything you need to close the offer.

→ Speak the Language of Senior Engineers

Understand architectural patterns, system design tradeoffs, distributed computing principles, and cloud-native development practices that define how senior engineers think and communicate.

→ Launch a High-Value Tech Career

Enter the job market as a Java Full Stack Developer with the skills, portfolio, and professional network to secure roles with competitive compensation and long-term growth potential.

Courses we are Offering



**JAVA
FULLSTACK**



**PYTHON
FULLSTACK**



**UI
FULL STACK**



LINUX



**CLOUD
COMPUTING**



**DEVOPS
WITH AWS**



DSA



**SYSTEM
DESIGN**



**SOFTWARE
TESTING**



**CYBER
SECURITY**



**DATA
SCIENCE**



**DATA
ANALYTICS**



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100% Success Rate in the Placements for Skilled People

Our Recently Placed Students

Now it's Your Turn!



VIDYASAGAR
(Java)



MD. FARHAN
(Java) with 4 LPA



SAMIKSHA
Mahashunya (Java) with 3 LPA



LAKSHMAN
Mahashunya (Java) with 3 LPA



K CHARITHASREE
TCS (JAVA) with 7 LPA



USHA BARGELE
HCL (JAVA) with 16 LPA



AMITAV SAHU
dynatrace (DevOps) with 4.5 LPA



PRATIK BALASO
TCS (Java) with 3.5 LPA



ABDUL REHAMAN
Cognizant (Java)



T. PAVANI
(JAVA)



BHYRU CHANDU
(JAVA)



DEBASISH
Faurecia (DevOps & MultiCloud)



SUMENDRA
TCS (DevOps & MultiCloud) with 7.3 LPA



RUSHIKESH
Brillio Tech (DevOps) with 7.5 LPA



VAMSI KRISHNA
Cognizant (Java) with 4.25 LPA



OM TAKEY
(JAVA)



SRI VIGNESH
(Java) with 5 LPA



SARITA DUBBEVAR
VIRTUSA (JAVA)



KOSURU ANUSHA
(JAVA)



RAKESH KUMAR BEHERA
VXO DIGITAL Pvt Ltd (JAVA)

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