Earn While You Learn

# Full Stack Development Program With JAVA

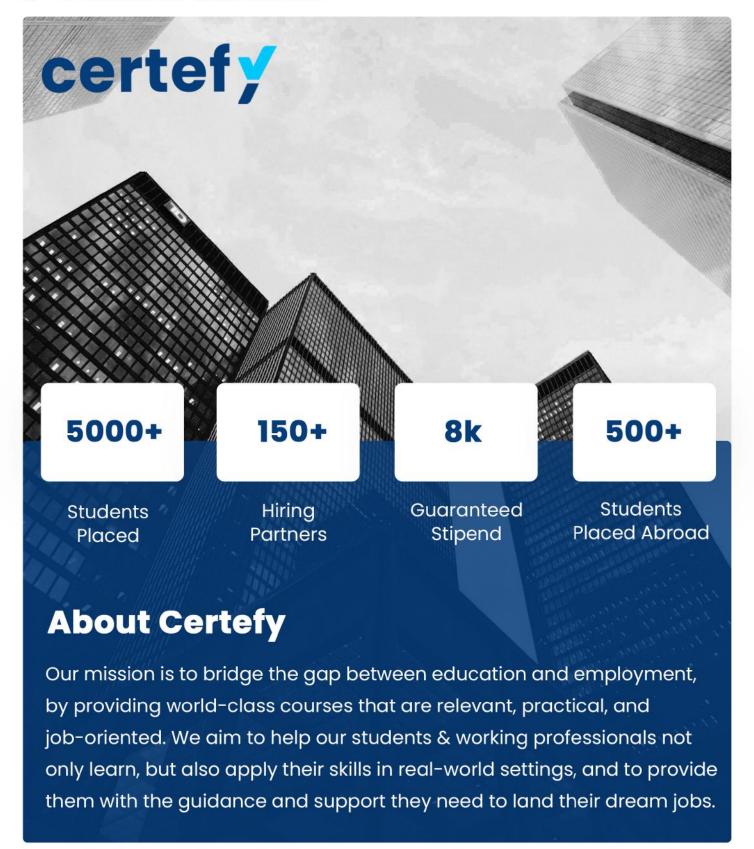
Gauranteed 8K Stipend For 3 Month!

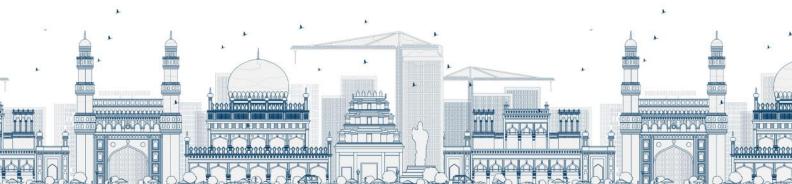
100% Job Guaranteed For Freshers!

**Paid Internship For All** 



Where knowledge meets recognition!





# **Future-Proof Your Skills with Certefy**

# Comprehensive curriculum



Gain a deep understanding of data analytics using Power Bl and Tableau.

#### Hands-on Experiences



Apply your learning through practical exercises and real-world projects.

#### Industry Experts



Learn from seasoned professionals in the field of data analytics.

#### Practical Application



Immediately apply your skills to real-world scenarios.

#### Data Visualization Expertise



Master the art of creating visually compelling dashboards & reports.

#### Career Advancement



Enhance your employability and open doors to exciting opportunities.

### **Designed For You & For You Future**

We help you learn in-demand skills, get certified, and land your dream job.







# **Our Hiring Partners**



# India's 1<sup>ST</sup> Ever 100% Paid Internship Program!



#### Paid Internship: Earn While You Learn

Get hands-on experience with a mandatory paid internship for 3 months. Gain real-world industry exposure & enhance your skills.



#### **Job Guaranteed Program: Launch Your Career**

100% job guarantee for freshers (2022 & 2023 pass-outs), Unlock exciting career opportunities in the field of data analytics.



#### **Placement Assistance: Your Path to Success**

100% placement assistance for experienced professionals & domain switchers, Benefit from our extensive network and industry connections.



#### Comprehensive Curriculum: Master the Tools

Learn the in's & out's of Power BI and Tableau, Develop a strong foundation in data modeling, visualization, & advanced analytics techniques.

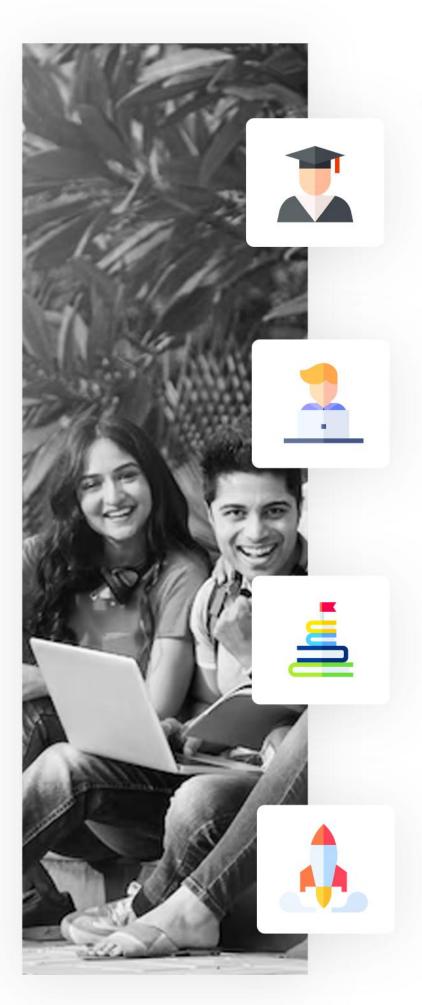


#### Lucrative Career Path: Stand Out from the Crowd

Excel in the high-demand field of data analytics, Secure well-paying positions as a data analyst or data scientist.



# **Accelerate Your Career Growth with certefy**



#### **Fresh Graduates**

Kickstart Your Career in Data Analytics, Perfect for fresh graduates from any domain looking to enter the field of data analytics

#### **Working Professionals**

Boost Your Career Potential, Ideal for software engineers and IT professionals seeking to upskill in data analytics.

#### Career Switch

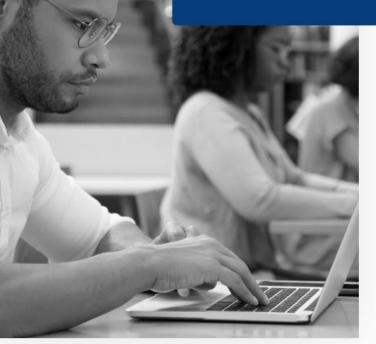
Transition to the World of Data Analytics, Suitable for professionals looking to switch domains and explore a career in data analytics.

#### **Aspiring Data Scientists**

Master Data Visualization and Analysis, Designed for individuals aspiring to become data scientists.







Duration : 4 Months

: Online & Offline Method

**Batch Size**: 25 Students

Internship : 3 Months

**Guaranteed: 8k For All** 

Stipend

# Learn legendary tools that 96% of

enterprises use across the world.





## What you will Learn from this course

# Module 1: Introduction to Full Stack Development with Java

- Overview of full stack development process.
- Introduction to Java as a versatile programming language.
- Understanding the components of a full stack application.

#### Module 2: Java Fundamentals

• Basic syntax and data types in Java

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- Control flow and conditional statements
- Object-oriented programming concepts in Java

#### **Module 3: Object-Oriented Programming with Java**

- Encapsulation, inheritance, and polymorphism
- Understanding the concept of classes and objects
- Implementing interfaces and abstract classes in Java

#### Module 4: Database Fundamentals and SQL

- Introduction to relational databases and SQL
- Querying and manipulating data with SQL statements
- Understanding database normalization and relationships

#### Module 5: Java Serviets and JSP

- Building dynamic web applications using Java servlets
- Creating interactive web pages with JavaServer Pages (JSP)
- Handling user input and managing session data

#### Module 6: Java Persistence API (JPA) and Hibernate

- Overview of JPA and its role in database persistence
- Mapping Java objects to relational databases with Hibernate
- Performing CRUD operations using JPA and Hibernate

#### Module 7: Spring Framework: Core Concepts

- Introduction to the Spring framework and its features
- Dependency injection and inversion of control (IoC)
- Aspect-oriented programming (AOP) with Spring

## What you will Learn from this course

#### Module 8: Spring MVC and RESTful APIs

- Developing web applications using Spring MVC framework
- Building RESTful APIs with Spring
- Handling HTTP requests and responses in Spring

# Module 9: Front-End Development with HTML, CSS, & JavaScript

- Building interactive web pages with HTML
- Styling web pages using CSS
- Adding behavior to web pages with JavaScript

#### **Module 10 : Angular or React Framework**

- Introduction to Angular or React for front-end development
- Building user interfaces with Angular or React components
- Managing state and data flow in Angular or React applications

#### **Module 11: Build Tools and Dependency Management**

#### (Maven, Gradle)

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- Overview of build automation tools like Maven or Gradle
- Managing dependencies and project configurations
- Building and packaging Java applications using build tools

#### **Module 12: Testing and Debugging Java Applications**

- Writing unit tests for Java code
- Debugging techniques and tools for Java applications
- Test-driven development (TDD) principles and practices

#### Module 13: Security and Authentication in Java Applications

- Common security vulnerabilities and best practices
- Implementing authentication and authorization mechanisms
- Securing Java applications with encryption and secure protocols

#### Module 14: Deployment and DevOps Practices

- Deployment strategies and environments for Java applications
- Containerization with Docker and orchestration with Kubernetes
- Continuous integration and deployment pipelines with Jenkins or GitLab

## What you will Learn from this course

#### Module 15: Advanced Java Concepts (Concurrency, Streams, etc.)

Multithreading and concurrent programming in Java

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- Processing collections using streams and lambda expressions
- Exception handling and error management in Java

#### **Module 16: Microservices Architecture and Spring Boot**

- Introduction to microservices architecture principles
- Building microservices using Spring Boot framework
- Service discovery, load balancing, and fault tolerance in microservices

#### **Module 17: Web Services and API Integration**

- Implementing SOAP and RESTful web services in Java
- Consuming external APIs in Java applications
- Data serialization and deserialization for web services

#### **Module 18: Performance Optimization and Caching**

- Identifying and resolving performance bottlenecks in Java applications
- Caching strategies to improve application performance
- Monitoring and profiling tools for performance optimization

#### Module 19: Continuous Integration and Deployment (CI/CD)

- Setting up continuous integration workflows with Jenkins or GitLab
- Automating build, test, and deployment processes
- Managing code repositories and version control in CI/CD pipelines

#### **Module 20: Project Development and Implementation**

- Applying the acquired knowledge to develop a real-world project
- Collaborating with a team to implement a full stack application
- Project management and agile development methodologies



# **Early Bird Offer!**

# **Register Now At:**

Rs.<del>1,24,999</del> Rs. 74,999 only!

- **Get Additional Bonuses For Free!**
- No Cost EMI Options are available for Working Professionals.

# Certefy

#### **Others**

- Live Projects & Exciting
   Case Studies.
- Affordable Pricing & EMI Options.
- 100% Job Guaranteed for 2022-23 batch freshers.
- 100% Internship for All Students. (3 Months)
- Internships at TOP Tier IT Companies.
- 8k Guaranteed Stipend.

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Affordable Pricing & EMI Options.

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### **Testimonials**



Certefy helped me land my **dream job at TCS.**Their courses are top-notch, practical, and career focused. Thank you, Certefy! - **SK. Ismail** 



Python developer role at Wipro with 8 LPA. A sai, forever indebted to the team of Certefy! - Kavya



I owe my success to Certefy! With their help, I secured a **placement at JA Informatica**. Forever grateful - **A. Sai** 

# CHOOSE WISE CHOOSE CERTEFY



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