



JAVA FULLSTACK

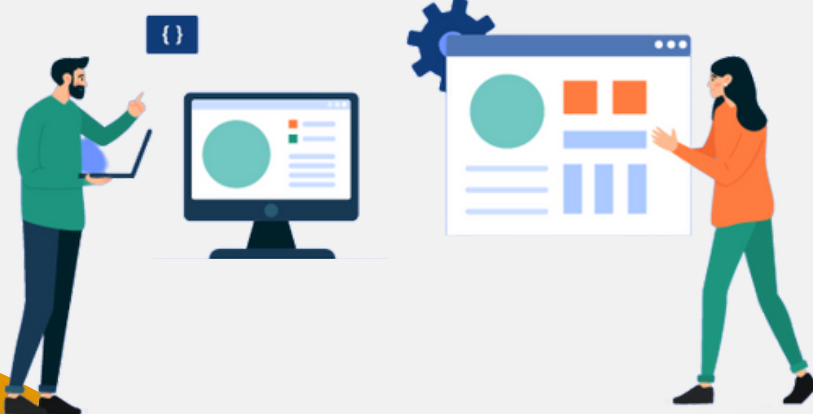
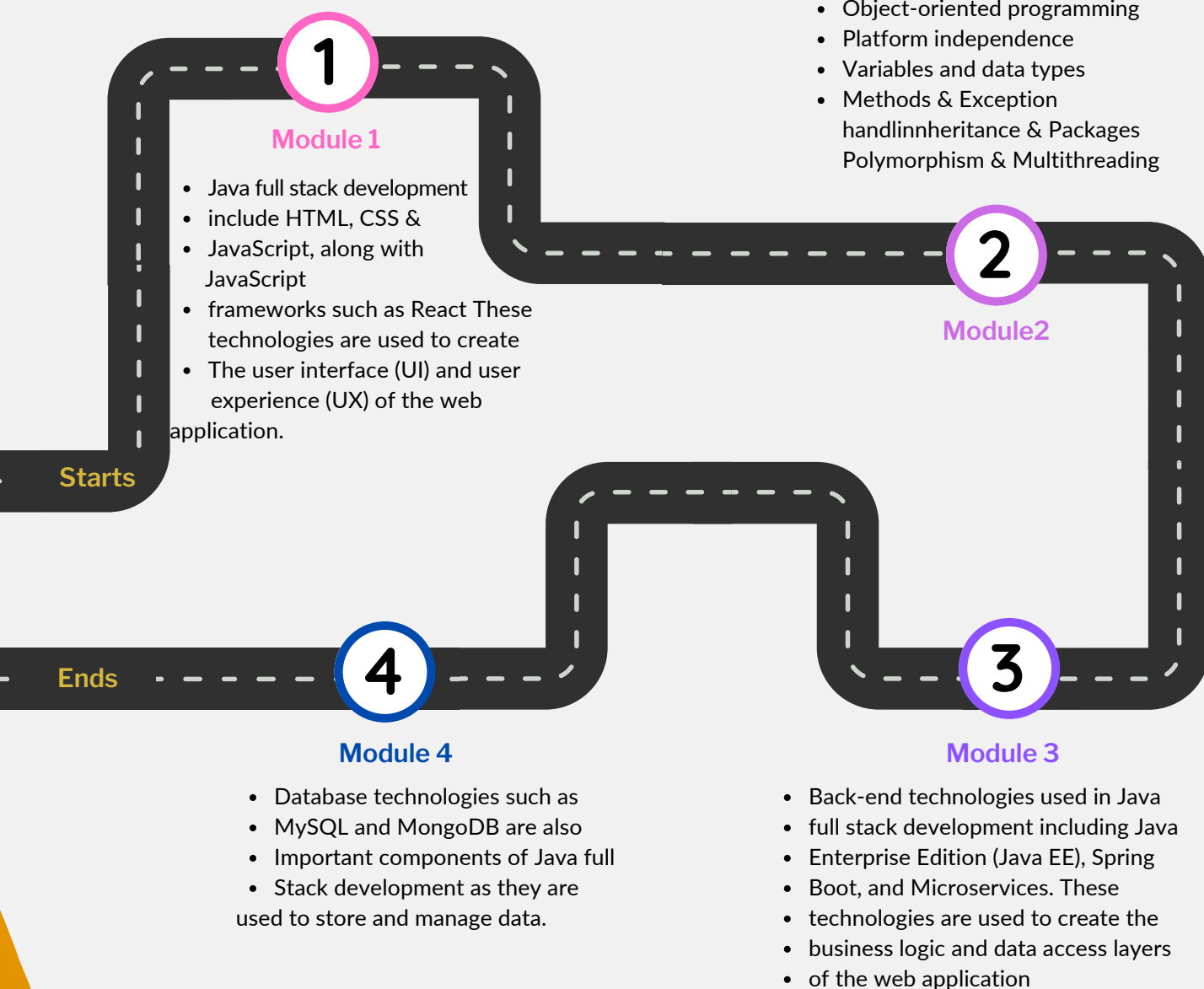
ELITE PROGRAM

www.be-practical.com



ROAD MAP

JAVA FULLSTACK



CURRICULUM

JAVA

Course Duration: 6months

HTML

- HTML5
- HTML APIs

CSS

- CSS Introduction
- CSS Selector
- CSS Declaration
- CSS Properties
- CSS Combinator

CSS3

- CSS3 Animation
- CSS3 Design
- Layout
- Table

React JS

- Getting Started, Installation steps
- Creating First Project
- Understanding "let" & Const
- Functions
- Class Props and Methods
- Class Object
- Interfaces
- Subclasses
- Array
- Environment setup

Java Script

- JavaScript Basics
- JavaScript Objects
- JavaScript BOM
- JavaScript DOM
- JavaScript Validation
- JavaScript OOPs
- JavaScript Cookies
- JavaScript Events
- JavaScript Misc
- JavaScript Advanced
- JQuery
- Bootstrap
- Material JS
- How to Integrate Libraries

Java Programming Fundamentals

- JVM Architecture
- String & Conditional Statement
- Switch Case
- For loop, While and Do-While loops
- Nested loops
- Control Flow
- Method overloading
- Variable arguments
- Constructors & Inheritance
- Method overriding
- Polymorphism
- Interfaces

Course Duration: 6months

● Adv Java

- Nested try catch
- Throw vs throws
- Checked and Unchecked exceptions
- Bounds on generic
- Generic methods
- Collection class
- ArrayList & Iterators
- LinkedList & Queue
- Lambda expressions
- Introduction to JDBC
- DDL, DML & CRUD operations
- JDBC drivers
- Java.sql packages
- DDL and DML using JDBC
- UML & Testing
- Debugging
- Unit testing with JUnit

● Servlets & JSP

- Servlet filter and listener
- Getting URL parameters
- Forwarding and Redirecting
- JSP Tag
- Forms
- Web service
- Patterns
- Java mail

● Basic Spring

- Spring - Overview, Architecture, Env Setup
- Spring - Bean Definition, Scope, Lifecycle
- Spring - Auto Wiring
- AOP with Spring framework
- Introduction to REST web Services
- REST Controllers on the top of MVC
- Spring support for JPA

● Spring boot

- Spring boot CRUD Repository
- Spring boot MVC
- Servlet, Get, Post, Map
- Basics of Spring boot REST
- Introduction to Actuator end points

● Spring boot security

- Introduction to spring security Authorization -
- Understand spring security concepts
- Understand Oauth and JWT
- Configure spring for oauth

TOOLS COVERED



HTML 5 & CSS 3

Latest version of web markup language for structuring content & multimedia on the web. Latest version of style sheet language for enhancing web page design with animations, gradients & other visual effects.



React JS

ReactJS is a JavaScript library used for building interactive and reusable user interfaces for web applications, providing efficient rendering and component-based development.



Core Java

Core Java provides the core functionality and language constructs necessary for developing Java applications. It covers topics like variables data types, operators, control flow statements (if-else, loops), arrays classes, objects, inheritance, polymorphism, and interfaces.



Spring Boot & Security

Java Spring is a popular open-source framework for building enterprise-grade Java applications. It provides a comprehensive set of libraries, tools, and features that simplify the development process and enhance the overall productivity of Java developers.



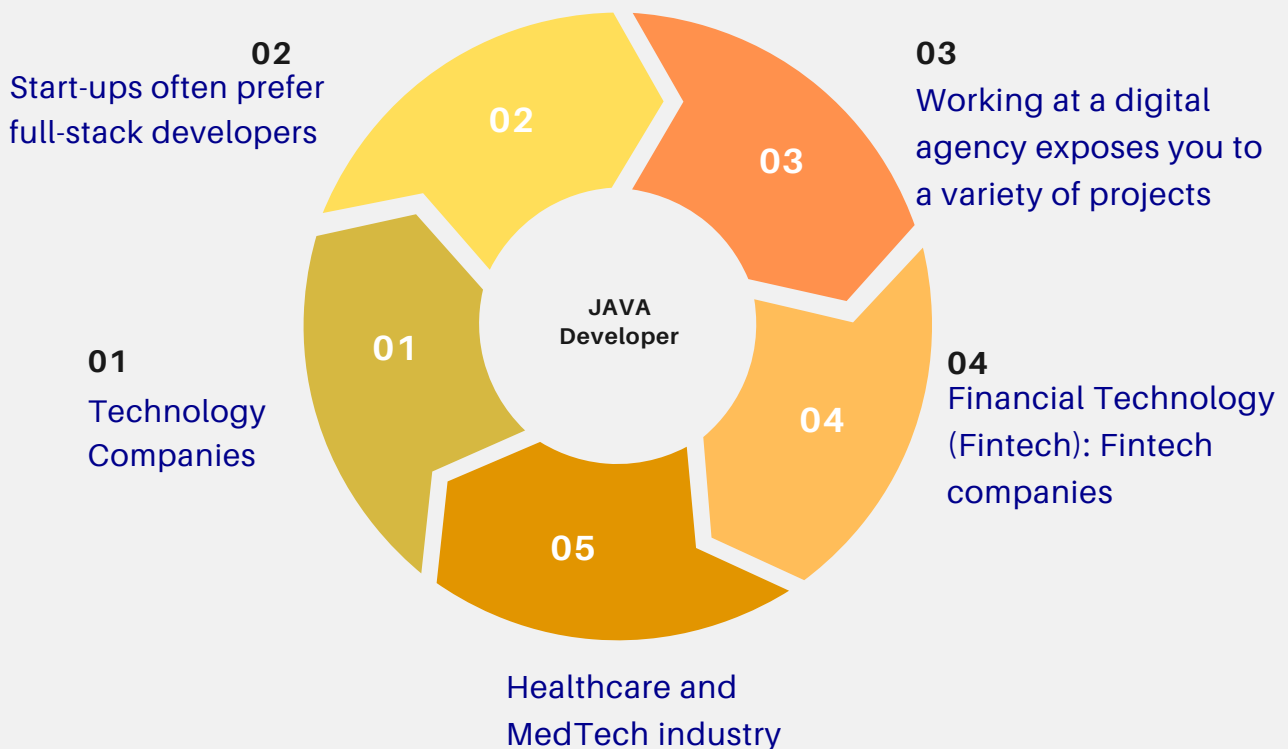
SQL & Mongo DB

Database technologies such as MySQL and MongoDB are also important components of Java full-stack development as they are used to store and manage data.

INDUSTRIES

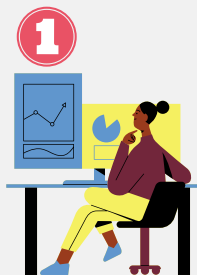
WHO NEEDS YOU

Java Full-stack developers will work with full-stack tools and frameworks compatible with Java. Their skills center around core Java and the Java ecosystem. Their expertise lies in working with the complete Java suite of technologies, including web architecture, databases, REST API, and servlets that are required to build websites & apps.



ROLES

Frontend Developer



Backend Developer

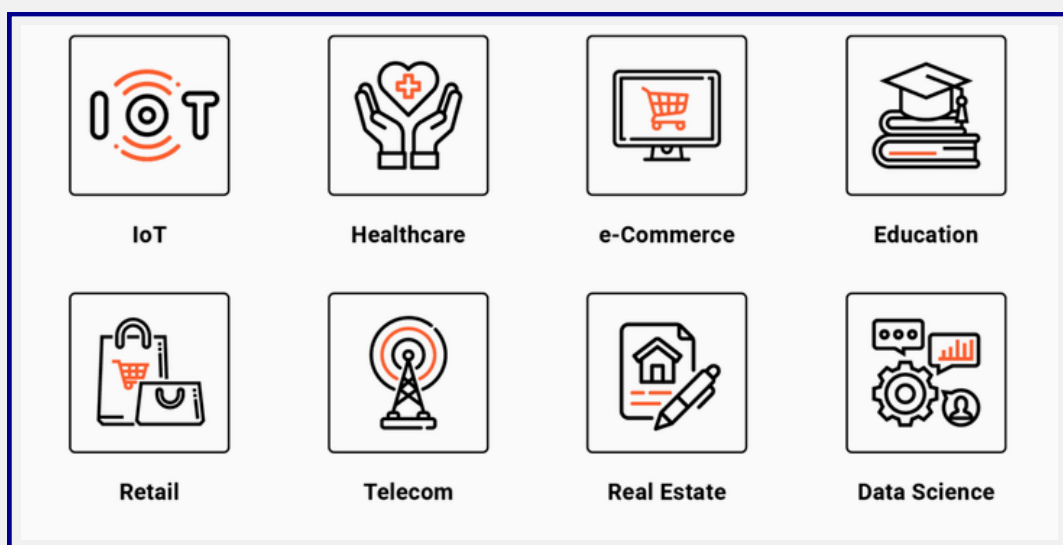


Java Fullstack Developer

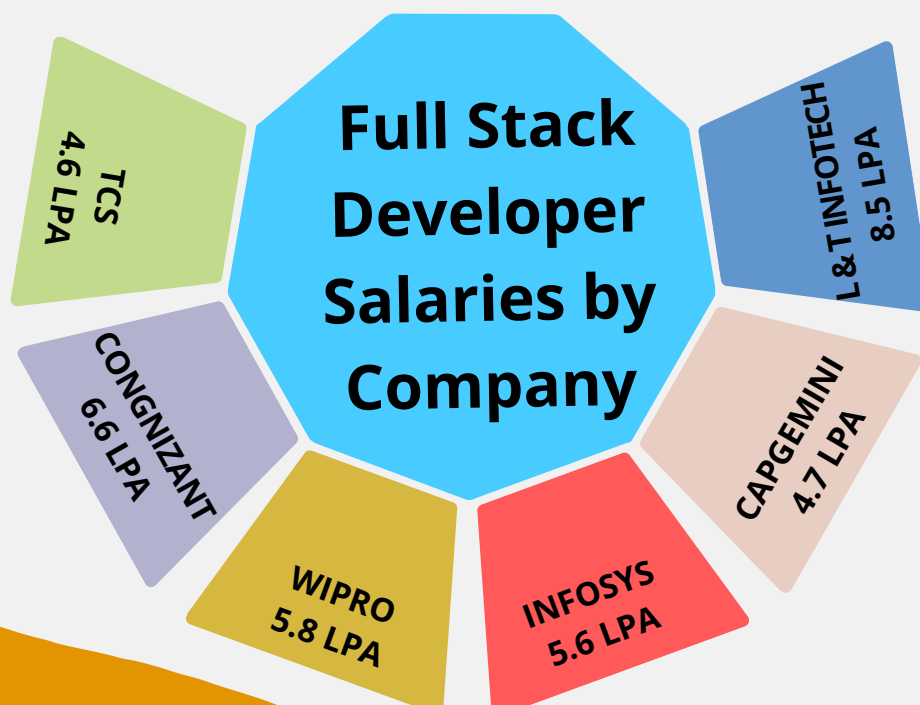


FUTURE OF JAVA DEVELOPERS

Industries our Java Developers Serve



Fullstack Developers Salaries by Company



PLACEMENT ACTIVITIES



1

Assesment Test

Be Practical evaluates a person's knowledge, abilities, and personal attributes and rates them on a scale of 1 to 10. To strengthen any weak areas, an individual improvement plan will be discussed & put into action.

2

Resume Building

We go through great lengths to create a trainee's profile with the appropriate key words and ensure that profiles have been uploaded in all employment portals. This aids them in obtaining phone calls directly from recruiters.



3

Group Discussion / Communication Classes

We evaluate students using assessment tests to gauge their knowledge, skills, abilities, and personality traits. Employers frequently utilize these examinations to assess the academic skills of applicants.

4

Mock Intevieiw

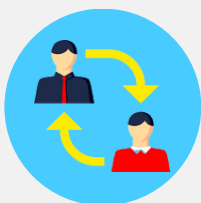
Industry experts from our partnered companies conduct technical interviews and share the findings with HR. This directly helps trainee's in preparing for actual interviews and also to understand individual strengths and weaknesses.



5

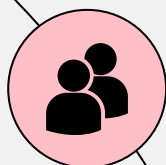
Industry Related Project

Experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting.



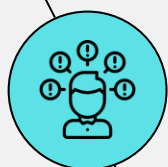
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FEATURES



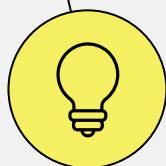
Placement Assistance

Unlimited



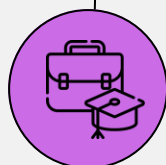
DSA & DSA (Exclusive Problems)

Will be providing weekly twice



Softskills

Soft skills refer to the personal attributes and qualities that enable effective communication.



Internship

Internship is a short-term work experience that provides practical training and exposure.



Refund

If not placed (50% of course fee)



Add Ons

AWS Basics, DevOps tools, Jenkins, Git (Starting with Python)

Features

WHY TO CHOOSE BE PRACTICAL

✔ Internship Opportunities

Internship opportunities open doors for aspiring individuals to gain practical experience, develop valuable skills, and pave the way for a successful career journey.

✔ 360 degree Growth

This concept refers to overall development & progress in all aspects it emphasizes a well-rounded approach to personal & professional growth.

✔ Personality Development

Personality development towards an organization involves the cultivation of professional traits & behaviors that align with the values, goals & culture of the organization.

✔ Industrial Exposure

Industrial exposure refers to the practical experience and knowledge gained by individuals through direct involvement & interaction with real-world industrial environments.

✔ Interaction with Domain Experts

Interaction with domain experts involves engaging with individuals who possess extensive knowledge, expertise, & experience in a specific field or industry.

✔ Hands on Coding

Hands-on coding refers to actively practicing and implementing programming skills by writing, testing, and debugging code.

✔ Instructor-led Training (ILT)

Instructor-led training (ILT) refers to a traditional form of training where an instructor facilitates learning in a classroom or virtual setting.



*Thank
You*



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