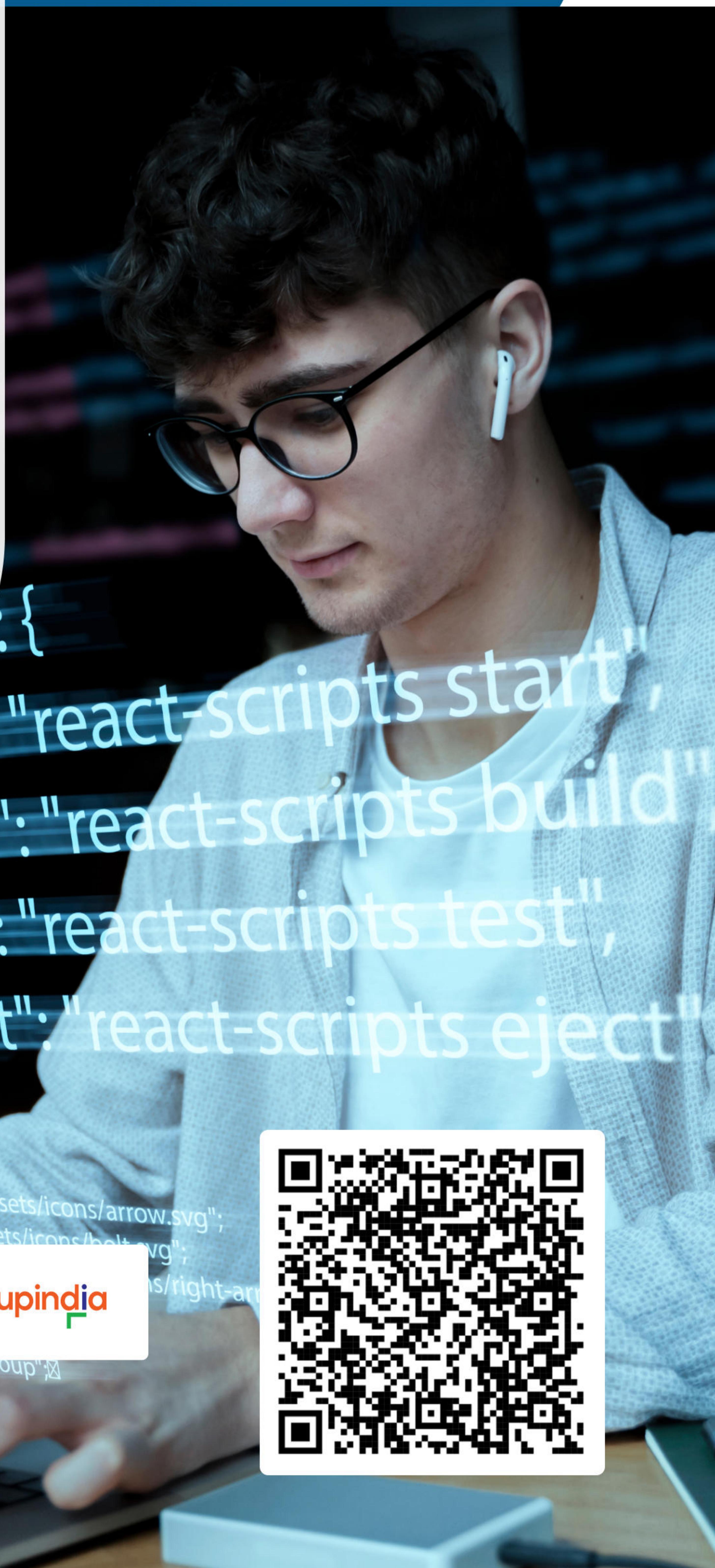


Transform Your Future with **Full Stack Java**

CODE ISN'T JUST SYNTAX

it's the foundation of innovation and endless possibilities.

MET – Master Java Development & Build the Future



#startupindia

**India's First-Ever Institute
to Offer**

**AI-ASSISTED MOCK
INTERVIEWS!**

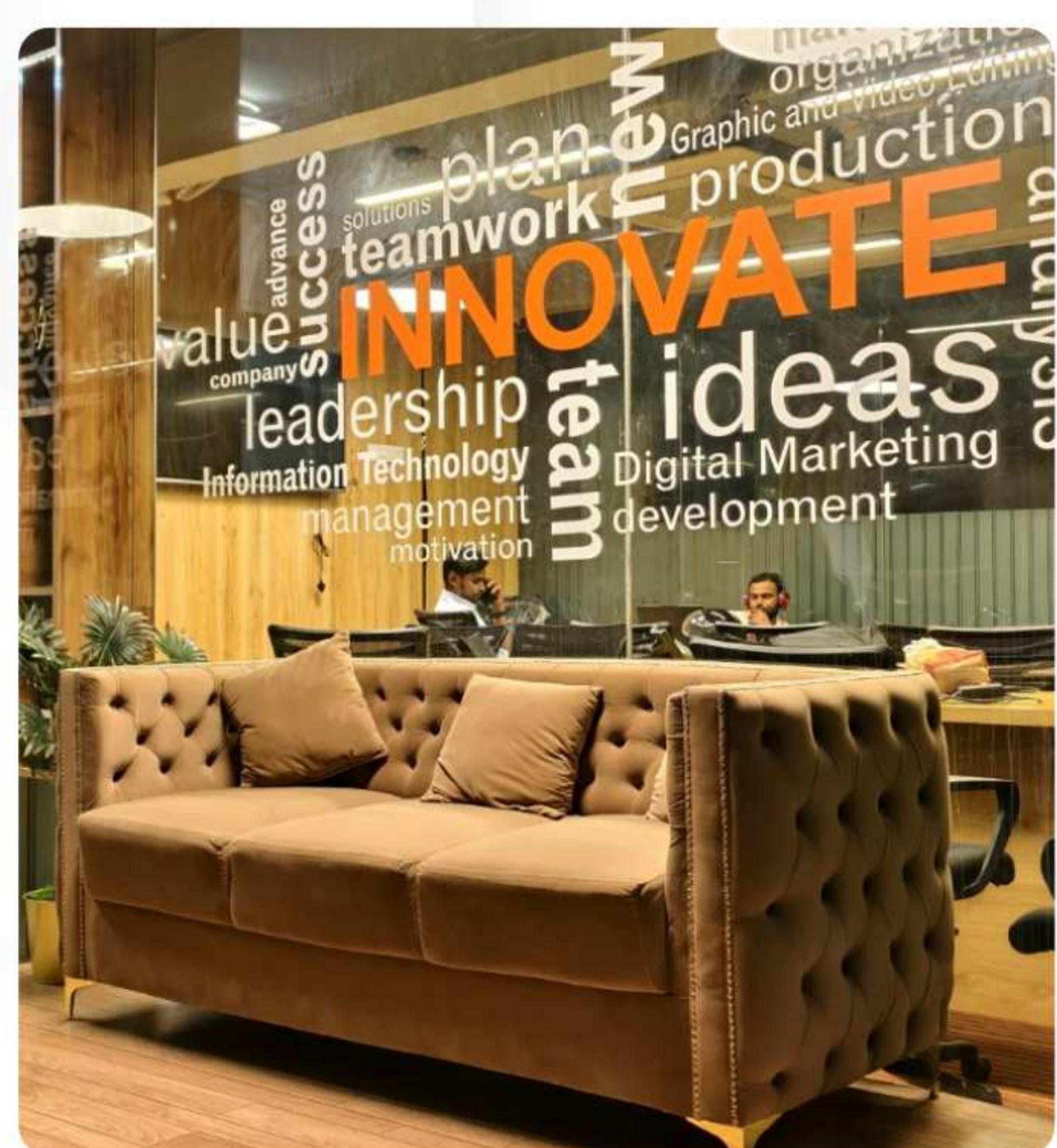
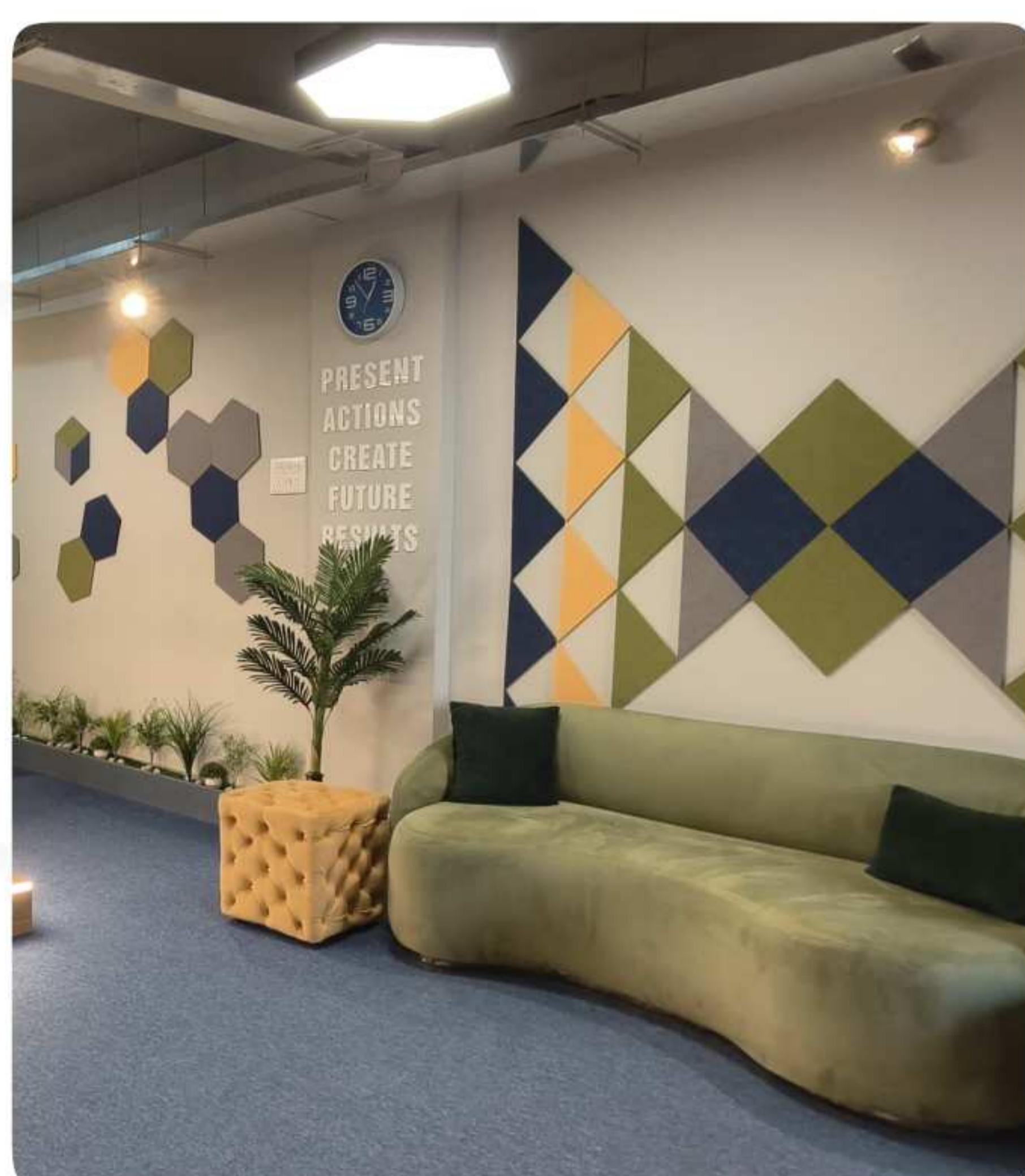
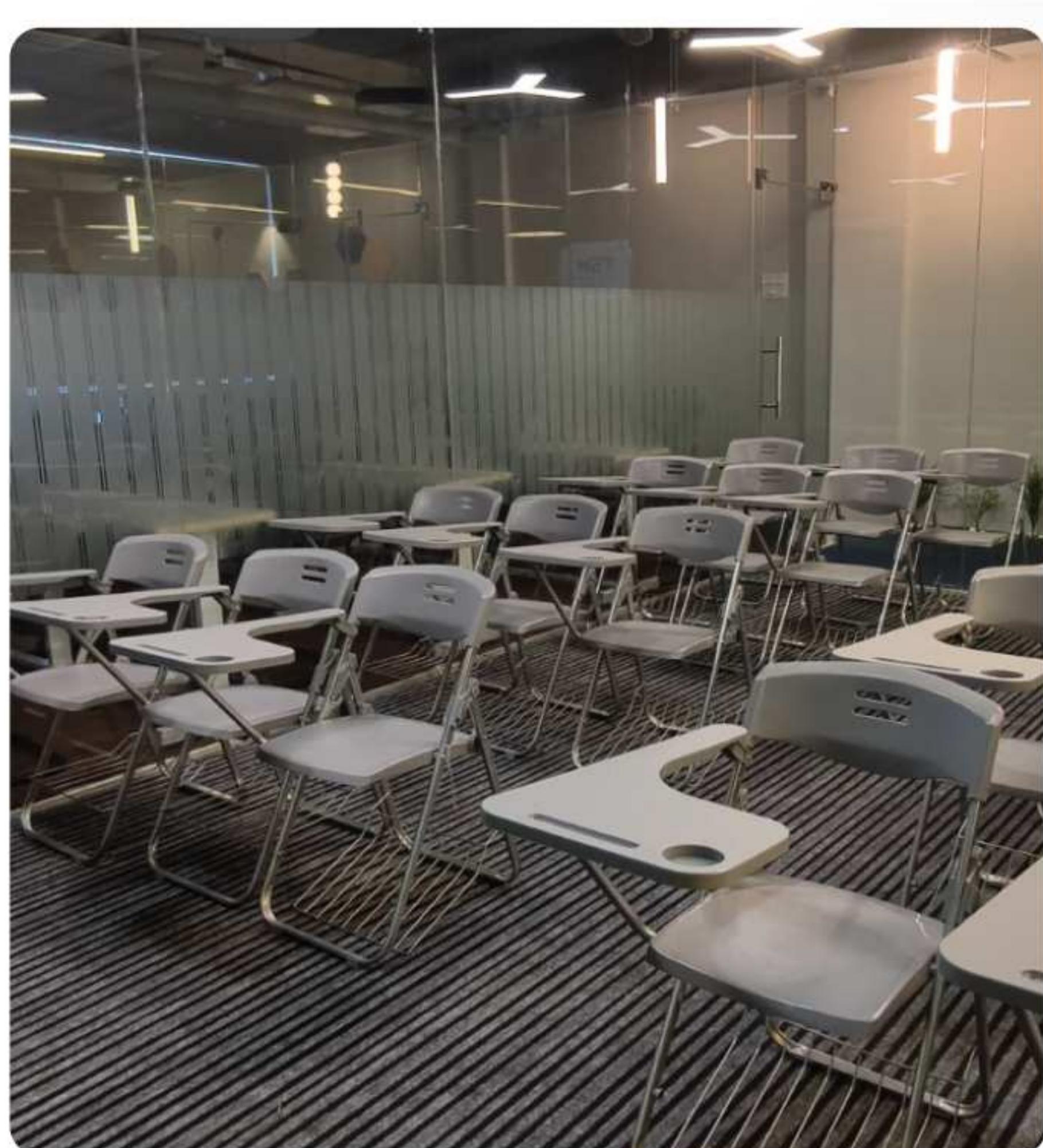
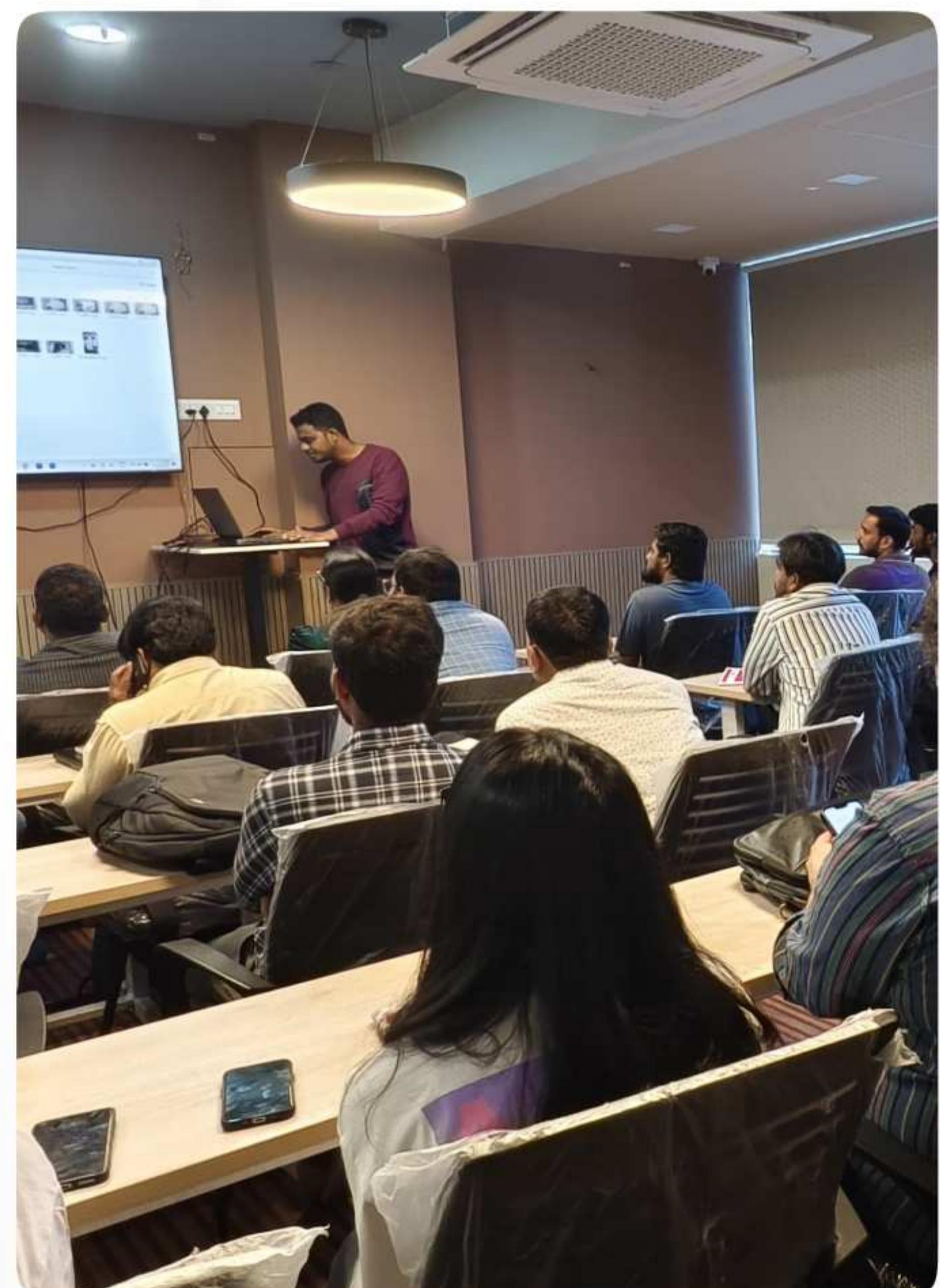


About MET

At Medha Edutech, we take pride in delivering top-tier education through exceptional instructors with extensive real-world expertise. Our comprehensive programs in Full Stack Development, Data Science, Generative AI, Cyber Security, and UI Development are meticulously crafted to meet the evolving demands of the tech industry. Having successfully upskilled over 20,000 students across 15+ countries, we remain committed to excellence in education.

We are committed to empowering learners with practical knowledge through hands-on training and live projects. Guided by industry-experienced trainers, our courses ensure a seamless blend of theory and real-time application. Whether you aim to enhance your skills, transition into a new career, or embark on your professional journey, Medha Edutech stands as your trusted partner in achieving success. Recognized for the **India Excellence Awards 2024**, we continue to set benchmarks in quality education. As a leading software training academy, we are dedicated to making learning accessible, impactful, and transformative.

World-class infrastructure on campus brings the feel of an IT company



Why Choose MET

At MET, we turn learners into achievers with hands-on training, certifications, Placements, and global opportunities!



Instructors with Industry Expertise



Access free spoken english, Aptitude & Reasoning Classes



Transform with Personality Development Classes



Get Hands on Projects



Regular Assignments and Evaluations



Weekly Tasks and Skill Assessments



Practical and Industry-Centric Curriculum



24/7 LMS Access



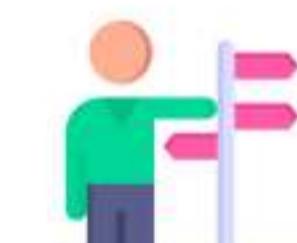
Low-Cost Fee Structure



Extensive Practical Learning



CV Development Support



Professional Portfolio Guidance



Personalized Mentorship



Weekly Interview Simulations



Premium International Standard Campus



Monthly Hackathons + Career Accelerator Workshops

BUILD. COMPETE. GROW.



Level up with high-impact, course-aligned hackathons every month.



Solve real-world challenges, race the clock, and stand out from the crowd.



Get live mentorship, showcase your skills, and push your limits.

WIN BIG

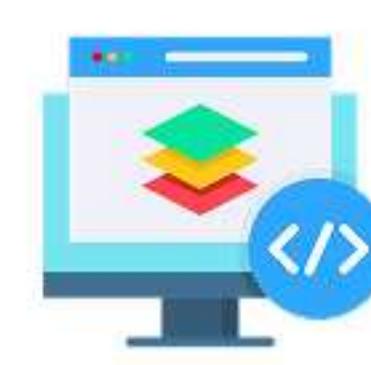
Build a **Strong Portfolio**, Certificates, Internships & Exclusive Rewards.



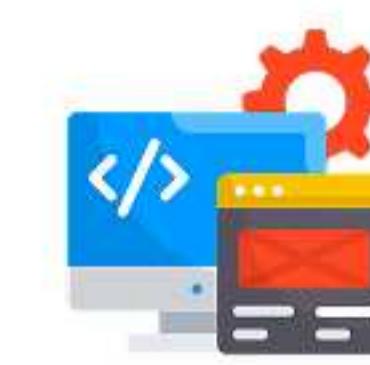
In-Demand Roles



Java Developer



Full Stack Developer



Android App Developer



Software Engineer



Big Data Developer



QA Automation Tester



DevOps Engineer

Industries Benefitting from Java



Banking & Finance



E-Commerce



Telecom



Healthcare



Education (EdTech)



Automotive



IT Services



Gaming Industry



Cloud Computing



Cybersecurity



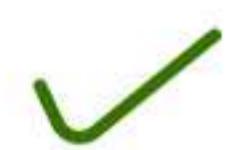
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LMS LIKE NEVER BEFORE

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Access your **entire course library** from anywhere, anytime.

TRACK YOUR PROGRESS WITH

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Topic-wise quizzes

Assessments to test your skills

Performance analytics



LMS BENEFITS

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All your learning is in **one place**.

Prepares you better for interviews and projects.

Suitable for **working professionals, students, and career switchers**.

*Learning isn't limited to the classroom anymore. **With MET LMS**, the classroom follows you.*

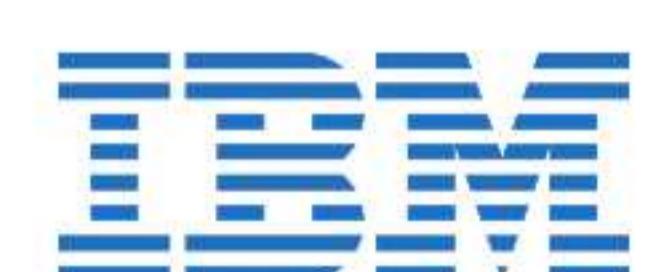


Our Alumni Work At

At Medha EduTech, we take immense pride in the success of our students who have gone on to build thriving careers with leading companies across the globe. Our alumni have secured prestigious roles in top organizations, including **Google, Microsoft, Amazon, Deloitte, Infosys, Wipro, TCS, Cognizant, Capgemini, Accenture, Byju's, Zomato, Swiggy, and many more.**

By fostering a strong foundation in both technical and professional skills, we ensure our students are job-ready and capable of making an impact in the dynamic world of technology. Join Medha EduTech and step into a future filled with possibilities!

companies hiring Java Developers



McKinsey&Company

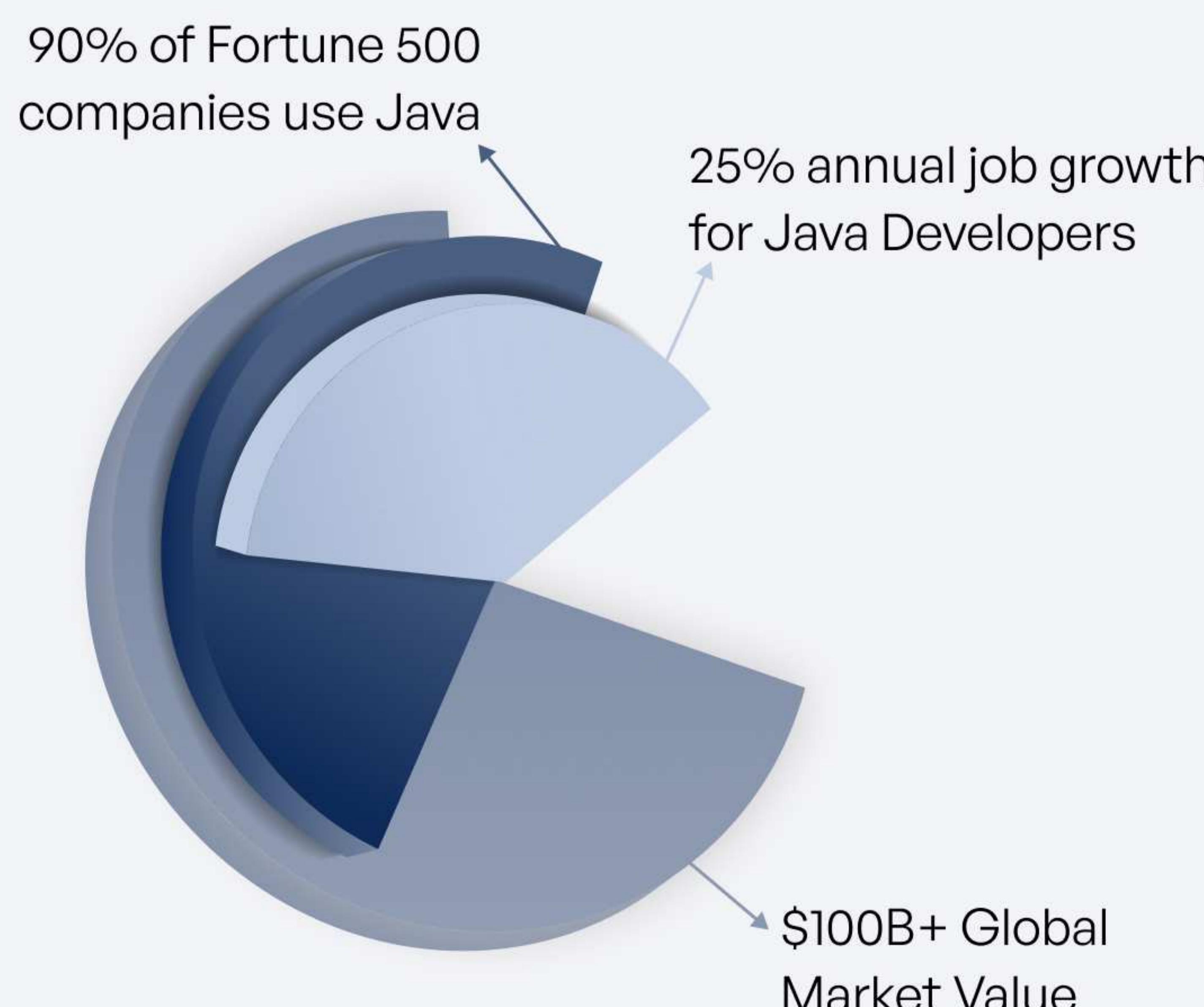


What is Java & Its Importance

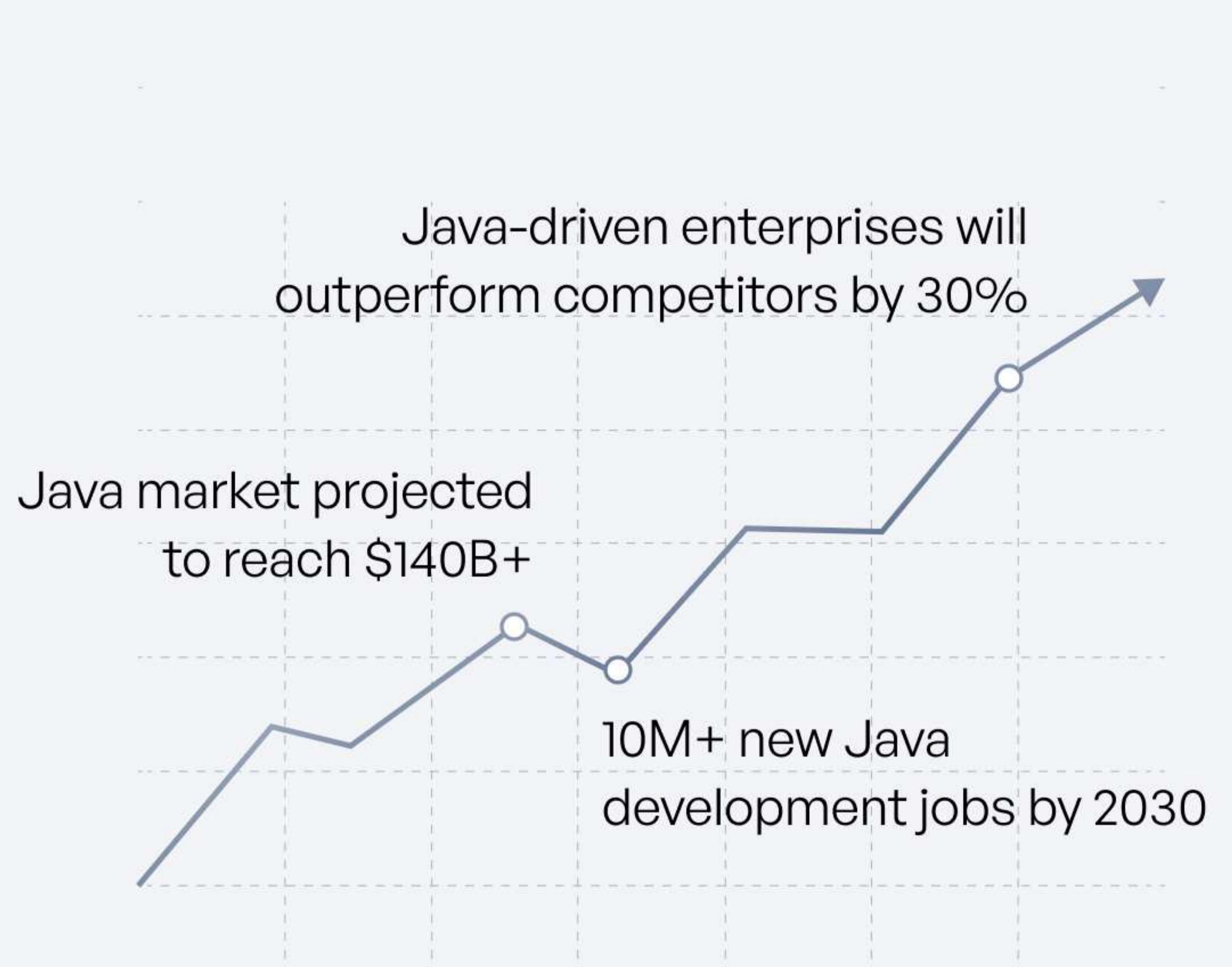
Java is a powerful, versatile, and platform-independent programming language used to build secure, scalable, and high-performance applications. It has stood the test of time and remains a top choice for developers worldwide. From web apps and enterprise software to Android applications and cloud-based solutions – Java is everywhere.

Why Java Still Matters

1. Platform Independent (Write Once, Run Anywhere)
2. Object-Oriented and Beginner-Friendly
3. Strong Community & Open-Source Ecosystem
4. Crucial for Android App Development
5. Preferred in Enterprise & Banking Applications
6. Secure, Scalable, and Reliable
7. Integrates Seamlessly with Big Data & Cloud Technologies
8. Consistently Ranked Among Top Programming Languages



2025 (Present)



2028 & Beyond (Future Projections)



Tools and technologies covered



css3



Docker



Eclipse



Git



Github



Hibernate



HTML5



IntelliJ IDEA



Java



Javascript



Jenkins



JUnit 5



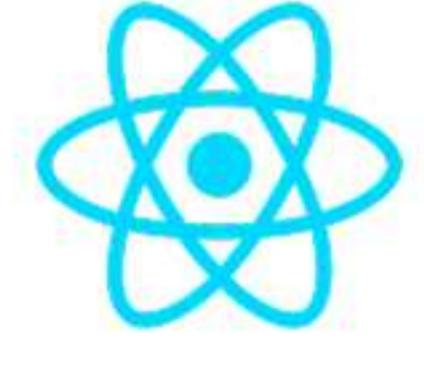
Mockito



MySQL



Node.js



React



Render



Spring



Code



LEARNING PATH

Mon-Fri

1-hour class,
1.5-hour hands-on
practice,
project work, &
practical learning,
soft skills.

Saturday

Revision,
1-on-1 mentorship,
mock interviews,
soft skills &
industry insights.



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info@medhaedutech.com

Month 1: Java Essentials & OOP

- Java Basics – Syntax, Control Structures
- OOP Concepts – Class, Object, Inheritance
- Arrays, Strings & Exception Handling
- Java 8 Features – Lambdas & Streams

Month 2: Data Handling & Backend Foundations

- Collections – List, Set, Map, Stack, Queue
- JDBC – Database Connection with MySQL
- SQL – Joins, Queries, ER Modeling
- Hibernate – ORM, Mapping, Relationships

FULL STACK JAVA DEVELOPER COURSE BREAKDOWN

Month 6: Capstone & Career Prep

- Real-time Full Stack Project
- API Testing & Final Integration
- Resume Building & Mock Interviews
- Final Presentation & Peer Review

Month 4: Frontend & Full Stack Integration

- ReactJS – Components, Hooks, Routing
- API Integration – React + Spring Boot
- Redux (Basics) – State Management
- Role-based Auth & UI

Month 5: DevOps & Deployment

- Git, GitHub & Version Control
- CI/CD with Jenkins
- Docker – Containerization
- Render – App Deployment



Full Stack Java Course Breakdown

Module 1: Core Java Programming

- Java, JDK, JVM, IDE Setup
- Data Types, Operators, Control Statements
- Arrays, Strings, Methods, Recursion
- OOP: Class, Object, Inheritance, Polymorphism
- Exception Handling
- Java 8: Lambdas, Streams

Month 2: Advanced Java & Databases

- Collections Framework: List, Set, Map, Queue
- HashMap, TreeMap, ArrayList vs LinkedList
- JDBC with MySQL/PostgreSQL
- CRUD Operations, Joins
- DAO Pattern, PreparedStatements

Month 3: Hibernate & Spring Framework

- Hibernate & JPA: ORM, Entity Mapping, HQL
- Spring Core: IoC, Dependency Injection, AOP
- Spring MVC: Controllers, Views, Form Handling

- Validation & Exception Handling
- RESTful API Development with Spring Boot
- Swagger API Documentation, API Testing

Month 4: Frontend with ReactJS & Integration

- HTML, CSS, JavaScript Refresher
- ReactJS Fundamentals, Hooks, Routing
- API Integration with Axios
- State Management with Redux Basics
- Connecting React Frontend with Spring Boot Backend
- Authentication Flow (JWT), Form Validations

Half Month: DevOps, Deployment & Capstone Projects

- Git, GitHub, Jenkins CI/CD Basics
- Docker for Containerization
- Deployment on Cloud Platforms
- Mini Project: REST API with Spring Boot
- Full Stack Project: React + Spring Boot
- Real-Time Capstone Project with Industry Scenarios



Full Stack Developer Course: Core Java to MERN Stack

Module 1: Core Java Programming

- Introduction to Java, JDK, JRE, JVM
- Setting up Environment (JDK, IDEs like Eclipse/IntelliJ)
- Writing Your First Java Program
- Data Types, Variables, and Type Casting
- Operators and Expressions
- Control Statements (if, if-else, switch, loops)
- Arrays (1D, 2D, Multidimensional)
- Strings and StringBuffer vs StringBuilder
- Methods, Method Overloading, Recursion
- Object-Oriented Programming Concepts
 - . Class, Object, Constructors
 - . Abstraction, Encapsulation
 - . Inheritance, Polymorphism
 - . Interfaces, Abstract Classes
- Exception Handling and Custom Exceptions
- Java 8 Features (Lambdas, Streams, Functional Interfaces)

Advanced Java Programming

Module 2: Data Structures & Java Collections

- Collection Interface and Implementations
- List, Set, Queue, Map
- HashMap, TreeMap, LinkedHashMap
- ArrayList vs LinkedList
- Stack, Queue, PriorityQueue
- Comparator vs Comparable
- Iterators and Enumeration

Module 3: JDBC & Relational Databases

- RDBMS Overview: MySQL/PostgreSQL
- SQL Essentials: DDL, DML, DCL, TCL
- Joins, Constraints, CRUD Operations
- JDBC Architecture & Drivers
- Statement, PreparedStatement, CallableStatement
- ResultSet Navigation
- DAO Pattern & JDBC Design

Module 4: Hibernate & JPA

- ORM & JPA Basics
- Hibernate Configuration (XML & Annotations)
- Entity Mapping & Relationships (OneToOne, OneToMany, ManyToMany)



Full Stack Developer Course: Core Java to MERN Stack

- HQL, Native SQL
- Transactions, Lazy vs Eager Fetching
- DAO Layer Integration

Module 5: Spring Framework

- Spring Overview & Architecture
- IoC and Dependency Injection
- Bean Lifecycle & Scopes
- Annotation vs XML Configuration
- AOP Concepts & Use Cases
- Integrating ORM with Spring

Module 6: Spring MVC

- MVC Architecture in Spring
- DispatcherServlet, Controllers, Views
- Form Handling & Data Binding
- Validation with JSR-303
- Exception Handling Strategy

Module 7: Spring Boot & REST APIs

- Spring Boot Introduction
- Auto Configuration & Spring Initializr
- Creating RESTful Services
- HTTP Methods, JSON Handling
- Swagger for API Documentation

- Exception Handling in APIs
- Unit Testing with JUnit & Mockito

Module 8: Security & Authentication

- Basics of Spring Security
- Authentication vs Authorization
- Password Encoding, Role Management
- JWT Authentication Flow
- Intro to OAuth2
- Securing Frontend-Backend Communication

Frontend & MERN Stack Development

Module 9: Frontend with ReactJS

- HTML5, CSS3 & JavaScript Refresher
- Bootstrap Basics
- React & JSX Fundamentals
- Functional Components, Props
- useState, useEffect Hooks
- Forms and Event Handling
- Routing with React Router
- API Integration using Axios
- Redux Basics for State Management



Full Stack Developer Course: Core Java to MERN Stack

Module 10: Full Stack Integration (React + Spring Boot)

- Connecting React Frontend to Java Backend
- API Consumption in React
- Authentication Flow (Login/Logout)
- Managing State using Redux/Context API
- Handling Errors and Form Validations
- Role-Based UI and Conditional Rendering
- File Upload/Download Integration

- Frontend with ReactJS
- Auth Integration (JWT)
- Complete API Testing
- Dockerize and Deploy
- Peer Review and Final Demo

Module 11: DevOps – CI/CD, Docker & Deployment

- Git, GitHub Workflow
- Jenkins for CI/CD Pipeline
- Docker Basics: Images, Containers
- Writing Dockerfile & Using Docker Compose
- Containerizing Full Stack Applications
- Deployment on Render/Cloud Platforms
- Using Environment Variables & Secrets

Module 12: Capstone Projects & Evaluation

- Requirement Analysis & Use Case Design
- ER Diagram and Schema Building
- Backend with Spring Boot



Capstone Projects

- Project 1**
REST API with Spring Boot
(Mini Project)
- Project 2**
Full Stack Web Application
(React + Spring Boot)
- Project 3**
Real-time Industry Project
(Monthly Updated)

Gain strong foundations in Core + Advanced Java

Build RESTful APIs using Spring Boot

Deploy Applications using Docker and CI/CD

LEARNING OUTCOMES

Develop Responsive Frontends using ReactJS

Master Full Stack Integration & Real-world Project Handling

Implement Secure Authentication with JWT

Certification Courses



NPTEL Java Certification by IITs



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Counseling

Schedule a one-on-one session with our career counselors to understand the best path for you.

Enquiry

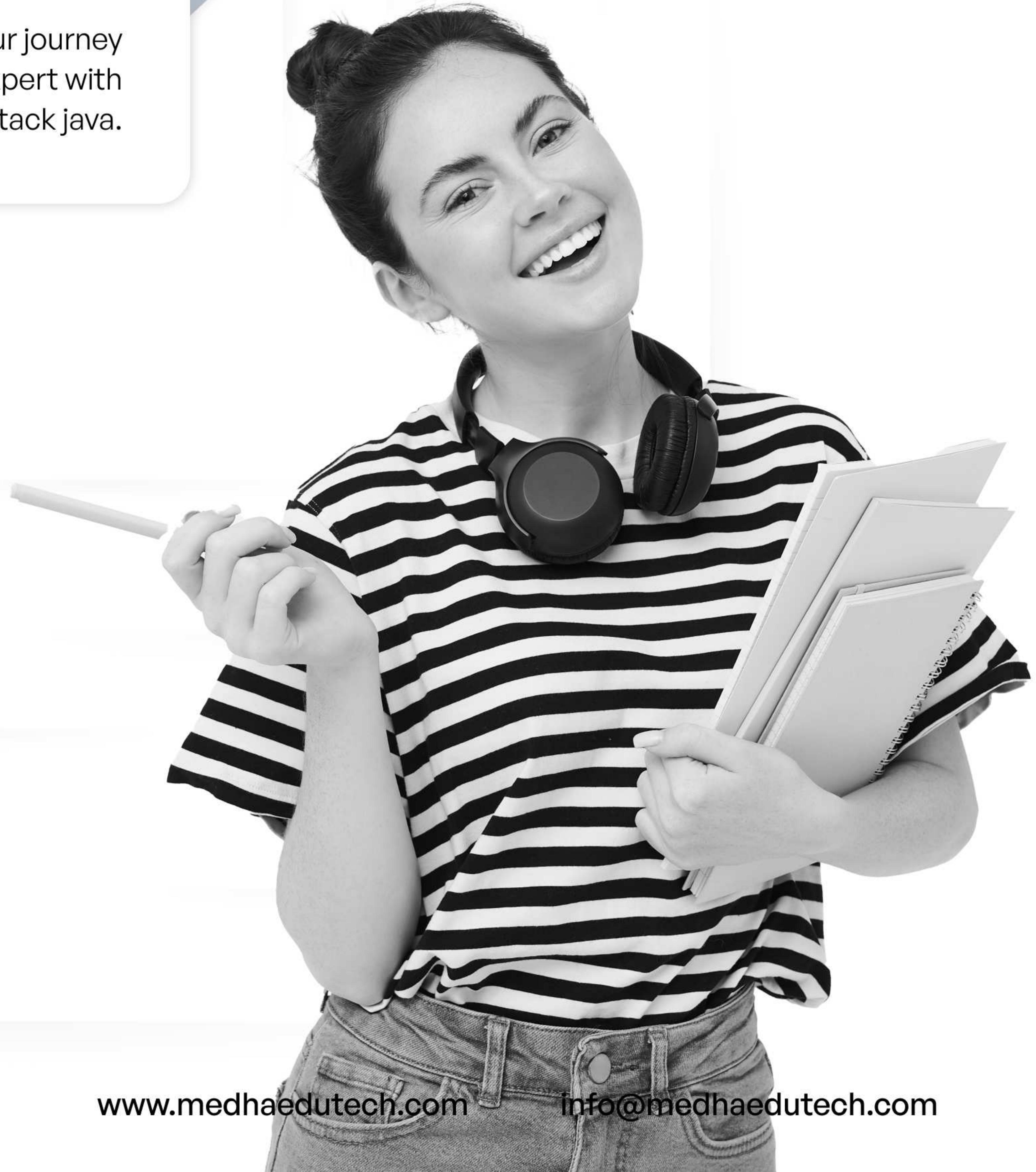
Contact us via our website or call us for details about the program.

Registration

Complete the registration process and secure your spot in the program.

Become Future-Ready

Enroll today and start your journey towards becoming an expert with full stack java.



Job Placement Journey



Your Path to **Full Stack Java Training**

DEVELOP SCALABLE WEB APPLICATIONS USING CORE & ADVANCED JAVA, SPRING BOOT, AND PROJECTS.

Whether you're a student, working professional, entrepreneur, or AI enthusiast, our industry-focused programs are designed to make you future-ready.

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Get hands-on experience, expert mentorship, and placement assistance to kickstart your journey in tech and business. Ready to upskill? Join us today

