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100% JOB ORIENTED ADVANCE EMBEDDED COURSES



SCAN & CONNECT

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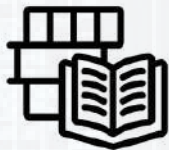
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www.technoscripts.in

ABOUT US

TechnoScripts is an ISO 9001:2015 certified best training institute for advance courses in Embedded System. We are pioneer of Embedded System training in Pune development. Though we provide many different courses and training in embedded all aim at giving good practical knowledge to students as well help them in career

OUR FEATURES



STUDY
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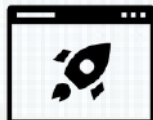
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PREPERATION



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PG Diploma in Embedded

MATLAB Simulink

MBD Training

IOT Training

Autosar Training

LIVE PROJECTS | INTERVIEW PREPERATION | MOCK INTERVIEWS

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COURSE SYLLABUS : FULL STACK JAVA TRAINING

Module 1: Introduction to Java Coding

Learn the basics of Java, its setup, and write your first Java program using an IDE.

Module 2: Java Basics

Master Java syntax, data types, operators, conditionals, and loops through practical coding.

Module 3: OOPs in Java Coding

Understand the core concepts of Object-Oriented Programming by creating Java classes and methods.

Module 4: Advanced OOP Concepts

Implement inheritance, polymorphism, abstraction, and encapsulation in real-world examples.

Module 5: Java Packages and Modifiers

Organize Java code efficiently using packages, access modifiers, and the static keyword.

Module 6: Exception Handling

Handle errors gracefully in Java using try-catch blocks, throw/throws, and custom exceptions.

Module 7: Java Collections Framework

Work with data structures like List, Set, and Map to store, retrieve, and manipulate data.

Module 8: Generics in Java

Create reusable and type-safe code with Java generics for classes, methods, and collections.

Module 9: Java Input/Output (I/O)

Read and write data to files using streams, readers, writers, and object serialization.

Module 10: Multithreading in Java

Run multiple tasks in parallel using Java threads, synchronization, and concurrency control.

Module 11: JDBC

Connect Java apps to relational databases using JDBC to perform CRUD operations securely.

Module 12: Java Networking

Build basic networked applications with sockets, TCP/UDP protocols, and HTTP connections.

Module 13: Java 8 Features

Write concise and functional Java code using lambda expressions, Stream API, and Optionals.

Module 14: Java 11 and Beyond

Explore new Java features like var, enhanced HTTP client, and modern string handling.

Module 15: Introduction to Web Development with Java

Build dynamic web applications using Servlets and JSP with deployment on Tomcat server.

Module 16: Spring Framework Basics

Understand Dependency Injection and MVC architecture to start building Spring applications.

Module 17: Spring Boot Advanced

Create robust REST APIs and connect them to databases using Spring Boot and Spring Data JPA.

Module 18: Hibernate ORM

Use Hibernate to map Java objects to database tables and perform ORM-based CRUD operations.

Module 19: Spring Security

Secure your Spring Boot applications with login, authentication, and role-based authorization.

Module 20: Microservices with Spring Boot

Build and manage independent services using Spring Boot, Spring Cloud, and REST communication.

Module 21: Front-End Integration with Java

Connect Java back-end with front-end using Thymeleaf and REST APIs for full stack apps.

Module 22: Testing in Java

Ensure code quality with unit testing in JUnit, mocking with Mockito, and testing Spring Boot apps.

Module 23: Build Tools – Maven

Manage project dependencies, build lifecycle, and multi-module setups using Maven.

Module 24: Version Control with Git

Collaborate and manage source code using Git, GitHub, and version control best practices.

PLACEMENTS

We provide 100% placement support to every student enrolled for Job oriented courses. We invite top companies for campus interview at our centre as well arrange the interviews for students at company premises.

OUR ALUMNIES ARE PLACED AT



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