TechnoScripts

[An ISO 9001:2008 Certified Company]

GET TRAINED

BECOME EXPERT AND GET PLACED

100% JOB ORIENTED ADVANCE EMBEDDED COURSES

SCAN & CONNECT

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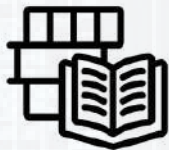
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ABOUT US

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
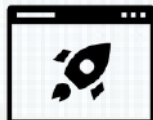
OUR FEATURES

STUDY MATERIAL

ISO 9001:2015 CERTIFIED

100% PLACEMENT SUPPORT

COURSE COMPLETION CERTIFICATE

INTERVIEW PREPERATION

LIVE PROJECTS

STATE OF THE ART LABS

LEARN ONLINE / CLASSROOM

OUR COURSES

Advance Career Track   Automotive Embedded   PG Diploma in Embedded

MATLAB Simulink   MBD Training   IOT Training   Autosar Training

LIVE PROJECTS | INTERVIEW PREPERATION | MOCK INTERVIEWS

CONTACT US FOR DEMO NOW

COURSE SYLLABUS : FULL STACK PYTHON TRAINING

Module 1: Introduction to Full Stack Development
Understand the structure of a full stack application, the role of Python, and how frontend, backend, and databases interact in real-world development.

Module 2: Python Programming Basics
Learn the fundamentals of Python syntax, control structures, and functions to build simple command-line programs.

Module 3: Advanced Python Programming
Explore data structures, object-oriented programming, and modules to build scalable and reusable Python code.

Module 4: HTML Fundamentals
Build the foundation of a webpage using semantic HTML tags, forms, and media elements for structured content.

Module 5: CSS Fundamentals
Style web pages with CSS, using selectors, the box model, and layout techniques like Flexbox and Grid.

Module 6: JavaScript Basics
Add interactivity to web pages by learning JavaScript fundamentals and manipulating the DOM.

Module 7: Advanced JavaScript
Master asynchronous JavaScript, modern ES6 features, and work with APIs to fetch dynamic data.

Module 8: Front-End Frameworks – React Introduction
Get started with React by building component-based UIs and managing state with hooks.

Module 9: React Advanced Concepts
Implement routing, advanced hooks, and global state management with Context API and Redux.

Module 10: Back-End Development with Python
Understand how Python powers the server side, handles API requests, and connects to databases.

Module 11: Flask Framework Basics
Build lightweight back-end applications with Flask, including routing and rendering HTML templates.

Module 12: Flask Advanced Features
Enhance Flask apps with form handling, sessions, blueprints, and custom error management.

Module 13: Django Framework Basics
Learn Django's MVT structure, create apps, and leverage the built-in admin panel for data management.

Module 14: Django Advanced Features
Use Django ORM, manage user authentication, and build APIs with Django REST Framework.

Module 15: Database Fundamentals
Grasp the basics of relational databases, write SQL queries, and understand how to design normalized schemas.

Module 16: Integrating Databases with Python
Integrate SQL databases with Flask/Django using ORMs and perform full CRUD operations.

Module 17: NoSQL Databases – MongoDB
Work with document-based databases using MongoDB and integrate them into Python apps using PyMongo.

Module 18: API Development with Flask/Django
Develop secure and scalable REST APIs with proper endpoint structure and JSON data handling.

Module 19: Version Control with Git
Use Git and GitHub to manage code versions, collaborate with teams, and resolve merge conflicts.

Module 20: Testing in Web Development
Write and run tests for Python back-end and React front-end apps to ensure quality and reliability.

Module 21: Web Security Basics
Secure your applications from common vulnerabilities using best practices in Python and JavaScript.

Module 22: Performance Optimization
Improve app performance by optimizing queries, minimizing resources, and using caching techniques.

Module 23: Deployment to Cloud
Deploy Flask/Django applications to cloud platforms like Heroku and configure them for production.

Module 24: Containerization with Docker
Package your applications using Docker for consistent development and easy deployment across environments.

Module 25: CI/CD Pipelines
Automate code testing and deployment using CI/CD tools like GitHub Actions and Jenkins.

Module 26: Industry Applications
Build domain-specific features for e-commerce, social media, and content platforms through real-world use cases.

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

KPIT · SANEPAR · Atos · tcs TATA CONSULTANCY SERVICES · HARMAN

Lenovo · UNISOUL · HCL · American Megatrends · Cummins

innovita · BOSCH · SIEMENS · SAMSUNG · Deloitte.

KNORR BREMSE · Honeywell · Tech Mahindra · HITACHI · suntel

Onward TECHNOLOGIES · TATA ELXSI · AVIN SYSTEMS · RENU ELECTRONICS PVT. LTD. · JOHN DEERE

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OUR PLACED STUDENTS.