



TECHTAN Course Brochure

2024



MISSION AND VISION

Mission

Empowering individuals with tailored tech education in a sophisticated environment. We foster excellence, integrity, and empowerment, guiding learners to thrive in the digital era with personalized attention and industry expertise.

Vision

To be the premier destination for classy tech education, inspiring lifelong learners to unlock their full potential and lead with confidence in the ever-evolving world of technology.

CORE VALUES

We uphold the highest standards of integrity, transparency, and ethical conduct in all our interactions, building trust with our clients, partners, and community through honesty, accountability, and respect.

We foster a culture of collaboration, teamwork, and inclusivity, valuing diverse perspectives and leveraging collective strengths to drive innovation, foster creativity, and achieve shared goals in the tech community.

We strive for excellence in tech education, delivering high-quality programs and services that exceed expectations, foster innovation, and empower individuals to achieve their goals in the digital realm.

We believe in the power of education to empower individuals and transform lives. We empower learners to unlock their full potential, embrace lifelong learning, and thrive in the digital age.

“

Embrace the elegance of luxury,
and the power of perpetual
learning in tech. In our journey,
we fuse opulence with expertise,
crafting a legacy where
innovation meets refinement.

SEGUN

Full Stack Development

1: Introduction to Web Development

- Overview of web development technologies and concepts
- Introduction to HTML, CSS, and JavaScript fundamentals
- Setting up development environment and tools

2: Front-end Development with HTML, CSS, and JavaScript

- Advanced HTML5 features and semantic markup
- CSS layout techniques and responsive design principles
- JavaScript DOM manipulation and event handling

3: Front-end Frameworks with React.js

- Introduction to React.js and component-based architecture
- State management with React Hooks and Context API
- Building interactive user interfaces with React Router

4: Back-end Development with Node.js

- Introduction to Node.js and asynchronous JavaScript
- Creating Restful API with Express.js
- Working with databases using MongoDB and Mongoose

5: Server-side Rendering and Authentication

- Implementing server-side rendering with Next.js
- User authentication and authorization with JWT tokens
- Securing routes and handling authentication errors

6: Full-stack Development with PHP

- Introduction to PHP and server-side scripting
- Building dynamic web applications with PHP and MySQL

- Working with PHP frameworks such as Laravel or Symfony

7: Integrating Supabase for Real-time Database and Authentication

- Introduction to Supabase as a backed-as-a-service platform
- Setting up real-time databases and authentication with Supabase
- Integrating Supabase with frontend and backend applications

8: Advanced Frontend Development with React.js

- State management patterns with Redux
- Advanced React patterns and best practices
- Optimizing performance and code splitting in React applications

9: Advanced Backend Development with Node.js

- Working with No SQL databases like MongoDB and Redis
- Implementing advanced authentication and authorization mechanisms
- Performance optimization and scaling Node.js applications

10: Deploying Fullstack Applications

- Deploying frontend applications to hosting platforms like Netlify or Vercel
- Deploying backend applications to cloud platforms like AWS or Heroku
- Continuous integration and deployment pipelines

11: Project Development and Presentation

- Working on a fullstack project from ideation to deployment
- Presenting the project to peers and instructors for feedback
- Refining and polishing the project based on feedback and reviews



About us

At Techtan, we understand that the digital landscape is ever-evolving, and navigating it can be daunting. That's why we've created a tech hub designed to empower individuals with the skills and knowledge needed to thrive in today's digital era. We provide top-notch tech education in a clean, calm, and classy atmosphere. We believe that learning should be an enriching experience, which is why we've curated a team of expert instructors who are passionate about sharing their knowledge and guiding learners through their tech journey with personalized attention and support.

ADDRESS

No. 7 Umuechem Street, D/Line, Off Olu-Obasanjo Bypass, behind Energymatic Filling Station, Port Harcourt, Nigeria, 500261