BACK-END WEB DEVELOPMENT COURSE

Tech Accent

Thank you for your interest in our Back-End Web Development program.

At Tech Accent, it is not just about becoming a frontend or a backend or even a full stack developer. It transcends just learning programming and learning how to write codes. We are even more passionate about helping you learn to 'speak' tech fluently in everything you do and anywhere you find yourself.

We have made it our sole priority to help you accelerate your dream and desire to become a world-class software developer or designer, whether or not you have prior knowledge or experience.

COURSE OVERVIEW

During the 8 weeks intensive Back-end web development program, you would learn how to use the JavaScript programming language for building server-side applications through writing clean, reusable codes, acquiring industry-standard skills and understanding the principles guiding programming as a whole.

By the end of this program, you would have been able to build secure full-stack applications in relation to design patterns and structures; model, store and perform CRUD operations in MongoDB; develop full-stack applications using JavaScript; consume and integrate third-party RESTful APIs in an application; deploy applications to the web using cloud-based hosting such as Netlify & Heroku; and clearly document and present the projects you have developed and deployed.

COURSE DETAILS

PHYSICAL CLASSES:

Duration: 8 weeks

Time: 9am – 3pm (Mondays through Wednesdays)

Start Date: Monday, 3rd April, 2023

Course fees: ₦ 200,000 *(15% discount on outright payments)*

***NB: Course fees includes cost for classes, projects and certificate. No extra charges.*

ONLINE CLASSES:

Duration: 12 weeks

Time:	11am – 3pm (Saturdays) & 2pm – 6pm (Sundays)
Start Date:	Saturday, 8th April, 2023
Course fees:	₦ 150,000 *(15% discount on outright payments)*

**NB: Course fees includes cost for classes, projects and certificate. No extra charges.*

PAYMENTS:

Payment Structure: Payments can be made in two instalments. However, we accept 65% of the total before admission of student. The other 35% would be expected to be completed at the fifth week. Outright payments attract a 10% discount.

Bank Details:

Account Name:	Tech Accent Creatives
Account Number:	5600878591
Banker:	Fidelity Bank

COURSE SYLLABUS:

Backend (8 weeks):

Week 1 – 4

- Frontend vs Backend web development
- Introduction to NodeJs & its asynchronous nature
- The Event Queue / Event Loop
- Node terminal vs REPL
- NPM & package.json file
- Package versioning and updating
- Node core, custom & 3rd-party modules
- Introduction to ExpressJS
- Creating Express server for routing
- Creating RESTful APIs
- Using Postman/Thunder Client for handling HTTP requests for CRUD operations
- Express Middlewares
- Environment variables & setting up ESLint

Week 5 - 6

- Introduction to MongoDB & Mongoose
- Creating Mongo server and connecting using the mongo shell/Using ATLAS
- Navigating the Mongo database
- Using the compass GUI
- Creating schemas for the database
- User authentication & OAuth
- Connecting the mongo/hosted database with the express server using Mongoose
- Integrating the backend server with a React Application

Week 7 – 8

- Final **full-stack** project and presentation
- Graduation and presentation of certificate

CONTACT DETAILS

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