



# **FRONT-END WEB DEVELOPMENT COURSE**



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

At Tech Accent, it is not just about learning HTML/CSS or 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 12 weeks intensive Front-end web development program, you would learn how to use the JavaScript programming language through writing clean, reusable codes, acquiring industry-standard skills and understanding the principles guiding programming as a whole. We understand the complexities surrounding programming in its entirety and as such, we intend to use this course to demystify programming to the most basic level to take you from a complete novice to mastery level and to make you job-ready at the end of the course.

By the end of this program, you would have been able to design and layout responsive web applications using different layout techniques; develop front-end applications using JavaScript and its most popular framework, ReactJS; understanding the synchronous and asynchronous architecture of programming; consume and integrate third-party RESTful APIs in an application; deploy applications to the web using cloud-based hosting such as Netlify and Vercel; and clearly document and present the projects you have developed and deployed. At the end of the course, you would have built at least three solid real-world projects and a portfolio, all to give you the competitive edge you need.

## COURSE DETAILS

### PHYSICAL CLASSES:

<b>Duration:</b>	12 weeks
<b>Time:</b>	9am – 3pm (Mondays through Wednesdays)
<b>Start Date:</b>	Monday, 9th January, 2023
<b>Course fees:</b>	<del>₦</del> 250,000 (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, 14th January, 2023  
**Course fees:** ₦ 200,000 (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 15% discount.

### Bank Details:

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

## COURSE SYLLABUS:

### Frontend (13 weeks)

Week 1 – 8

- Introduction to Computer Science
- Introduction to web development and web tools (GitHub & Command lines)
- Introduction to HTML & HTML5
- Introduction to CSS3 (Application of basic CSS styles to HTML elements)
- CSS Flexbox
- CSS Grid
- Creating responsive web application using CSS Media Queries
- Introduction to Bootstrap5
- Bootstrap components

- Bootstrap grid system
- Introduction to JavaScript
- JavaScript data types, functions, data structures, control flow
- ES6 features
- Synchronous vs asynchronous JavaScript architecture
- DOM & DOM manipulation
- JavaScript Algorithms

#### Week 9 – 12

- Introduction to the React library & JSX
- Function-based components vs Class-based components
- Outputting dynamic values
- Handling Events in React
- Passing variables and functions as Props
- Outputting lists
- Conditional rendering
- React hooks (useState, useEffect, useRef, useContext etc)
- Fetching and consuming APIs and Integration
- React Router DOM

#### Week 13

- Frontend final project and presentation
- Graduation

## CONTACT DETAILS

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