

WOTMERS TECHNOLOGIES LTD

Software Engineering — Frontend

Build Beautiful, Responsive & Interactive Web Interfaces

Duration	Level	Course Fee	Delivery
10 Weeks (Full-Time) / 20 Weeks (Part-Time)	Beginner to Intermediate	NGN 60,000	In-Person Abuja & Kaduna

Course Overview

This Frontend Software Engineering programme trains students to design and build modern, responsive web interfaces using industry-standard technologies. Students start from the basics of HTML and CSS, advance through JavaScript and ES6+, and culminate with React.js — the most in-demand frontend framework globally. The course emphasises real-world project work, best coding practices, version control, accessibility, and performance optimisation, equipping graduates to work professionally as frontend developers.

Course Curriculum

Week	Topic	What You Will Learn
Wk 1	Web Foundations & HTML5	Document structure, semantic tags, forms, tables, accessibility (ARIA), SEO-friendly markup
Wk 2	CSS3 Fundamentals	Selectors, box model, typography, colours, backgrounds, pseudo-classes, CSS variables
Wk 3	Responsive Design	Flexbox, CSS Grid, media queries, mobile-first design, responsive images, viewport units
Wk 4	Bootstrap 5 & UI Frameworks	Grid system, components (navbar, cards, modals), utility classes, customising with SASS
Wk 5	JavaScript Fundamentals	Variables, data types, operators, control flow, functions, scope, closures, the DOM
Wk 6	Intermediate JavaScript (ES6+)	Arrow functions, destructuring, spread/rest, modules, Promises, async/await, fetch API
Wk 7	Version Control with Git & GitHub	Git workflow, branching, merging, pull requests, resolving conflicts, GitHub Pages deployment
Wk 8	React.js Fundamentals	Components, props, state (useState), event handling, conditional rendering, lists and keys

Wk 9	React.js — Advanced Concepts	useEffect, Context API, React Router, custom hooks, form handling, API integration
Wk 10	Capstone Project & Career Prep	Full responsive web application, portfolio site, GitHub portfolio, technical interview prep

Learning Outcomes

By the end of this course, students will be able to:

- ✓ Build semantic, accessible, and SEO-friendly HTML pages
- ✓ Write clean, modern JavaScript (ES6+) applications
- ✓ Consume REST APIs and handle asynchronous data
- ✓ Optimise web performance and apply accessibility standards
- ✓ Style responsive layouts using CSS Flexbox and Grid
- ✓ Develop interactive single-page apps with React.js
- ✓ Use Git for version control and team collaboration
- ✓ Deploy web apps using Netlify, Vercel, or GitHub Pages

Tools & Technologies Covered

HTML5	CSS3	JavaScript (ES6+)	React.js
Bootstrap 5	Git / GitHub	VS Code	Figma (basics)
Netlify	REST APIs		

Career Opportunities

- Frontend Developer
- UI Developer
- React Developer
- Web Designer/Developer
- Junior Full-Stack Developer
- Freelance Developer

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