

Onukwu Ifeanyichukwu Boluwatife

Software Engineer (Web & Mobile)

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SUMMARY

Software Engineer focused on building functional web and mobile applications, with experience across frontend, mobile, and backend development. Skilled in React, Next.js, React Native, TypeScript, Python, and FastAPI, with hands-on experience building and maintaining production-oriented applications.

EDUCATION

Caleb University

Bachelor of Science in Computer Science

Lagos, Nigeria

Sep. 2023 – Jul. 2027

EXPERIENCE

Software Engineering Intern

May 2026 – Present

Insightful3D Studio

- Contribute to the development and maintenance of web and mobile applications across platforms.
- Build and improve UI components, features, and application functionality.
- Collaborate with developers to implement features, fix issues, and improve application performance.
- Participate in testing, debugging, and quality improvement to enhance application stability and user experience.
- Use Git and modern development workflows in a collaborative engineering environment.

Software Developer Intern

Nov. 2025 – Present

Forcythe

- Built and maintained responsive web applications using **React, Next.js, and TypeScript**.
- Contributed to government-facing web platforms through UI improvements and dynamic content integration.
- Managed and integrated content using **Strapi CMS** to support efficient content updates.
- Developed reusable components and improved frontend performance and maintainability.
- Fixed UI issues and improved responsive behavior across devices.
- Collaborated through Git, code reviews, and production deployment workflows.

Software Engineering Intern

Aug. 2025 – Oct. 2025

Xpress Payment Solutions Ltd.

- Used **SQL Server Management Studio (SSMS)** to inspect databases, tables, columns, and schema relationships.
- Used **Postman** to test API endpoints, validate HTTP responses, and document API behavior.
- Created system architecture diagrams to document application workflows and backend structures.
- Practiced backend development with **Spring Boot**, REST APIs, dependency injection, and service-layer architecture.
- Prepared technical documentation and presentation materials for internal teams and onboarding.

PROJECTS

Plazly | *React Native, Expo, Supabase, Clerk*

- Built a cross-platform real estate mobile application for discovering, saving, and contacting property agents.
- Implemented authentication, property listings, favorites, image galleries, maps, and agent contact functionality.
- Built an admin workflow for creating, editing, featuring, and managing property listings.
- Designed the application with responsive layouts and light/dark theme support for Android and iOS.

WayTrace | *React Native, Expo, Supabase, SQLite*

- Built a delivery tracking prototype in React Native and Expo to simulate real-time package tracking from dispatch to doorstep.
- Implemented interactive map tracking, animated delivery progress, driver details, ETA, and delivery history.
- Added offline data caching and a built-in delivery simulator to demonstrate end-to-end tracking without a live logistics backend.

WealthWise | *React, TypeScript, Convex, Clerk, TanStack Query*

- Built a full-stack personal finance application for tracking income, expenses, budgets, savings goals, and recurring transactions.
- Implemented financial analytics and predictive insights using transaction trends, savings rates, and linear regression.
- Integrated **Clerk** authentication with **Convex** for secure, user-scoped data access and real-time updates.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, Java, SQL, HTML/CSS

Frameworks: React, Next.js, React Native, Expo, FastAPI, Spring Boot, Tailwind CSS, NativeWind

Backend & Databases: FastAPI, Supabase, PostgreSQL, SQL Server, REST APIs

Cloud, DevOps & Tools: AWS, Docker, Git, GitHub Actions, Vercel, Netlify, Bitbucket, Postman

AI & LLM Development: Gemini API, Groq API, OpenAI API, Claude API, Hugging Face, Ollama, Prompt Engineering