

Ayobami Ajibola

Software Developer

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Glacier Ridge, Calgary, Alberta, Canada

I'm a results-driven software developer with a strong background in building scalable web, mobile, and machine learning-powered applications across healthcare, automotive, e-commerce, logistics, finance, and wellness. I specialize in JavaScript, Python, and Go, leveraging frameworks like Node.js, FastAPI, Flask, Django, React, Vue, and React Native to deliver seamless frontend and backend solutions. My experience includes developing personalized ML workflows, real-time systems with WebSockets and RabbitMQ, and deploying distributed services with Docker and Kubernetes. I bring a blend of software engineering, ML integration, and cloud infrastructure expertise to craft intelligent, user-centric products.

Core Skills

JavaScript, TypeScript, Python, Node.js, ExpressJs, FastAPI, Flask, React.js, React-Native, Next.js, Vue.js, Django, Redux PSQL, MongoDB, RestAPI, AWS, Redis, RabbitMQ, Docker, Kubernetes, Golang, ML

Work Experience

Full Stack Developer

Feb 2025 - Present

Abuja, Nigeria

- Developed a full-stack platform that predicts users' next-day stress levels using personalized machine learning models based on daily lifestyle inputs.
- Built distributed services: **Flask** (auth), **FastAPI** (ML inference and prediction logic), **Go** (critical APIs and analytical computations).
- Integrated **DeepSeek LLM** to generate tailored mental health recommendations.
- Implemented **WebSocket** and **SSE** for real-time notifications and updates.
- Deployed via **Docker** and **Kubernetes** for scalable and portable infrastructure.
- Designed a weekly background task to continuously retrain the model with user-verified stress outcomes.
- Created a responsive **Vue.js** frontend and began mobile development with **React Native**.

Senior Software Developer

Jan 2024 - June 2025

[Devsquarepk](#) | Munich Germany

- Designed and implemented a robust backend and RESTful APIs to support a web-based restaurant and menu management platform, ensuring efficient user interactions and smooth data handling.
- Deployed the application by managing cloud infrastructure, including virtual servers, databases, and networking, to ensure high availability and scalability.
- Integrated third-party services like **Twilio** for SMS communication, **Google Maps** for location tracking, and **OpenAI** for enhanced intelligent features significantly boost platform functionality.
- Mentored a junior developer, offering guidance, sharing best practices, and supporting their growth to strengthen the development team.
- Ensured seamless API integration across frontend and backend, improving system performance and stability.
- Used **Docker** to containerize services for consistent development and production environments.
- Contributed to frontend development by building key components and collaborating with designers to deliver a responsive and intuitive user interface.

Full Stack Developer

Jan 2023 - Jan 2024

[Hyvetech Ltd](#) | Abuja Nigeria

- Developed and integrated APIs for managing expenses into the expenses management tab, enabling workshops to add, edit, view, and delete expenses. These features facilitated bookkeeping and expense tracking, resulting in a 30% increase in workshop profits.
- Integrated existing APIs into the customer app, enabling users to effortlessly view estimates, invoices, and make payments on the go. This enhancement improved user engagement by 25%, significantly boosting customer satisfaction and simplifying financial transactions.

- Optimized the workshop app to be fully responsive, allowing workshops to perform all tasks on their mobile phones through a user-friendly interface. This resulted in a 70% improvement in user experience and app performance.
- Developed and implemented a secure and scalable API for bulk transactions from customer virtual accounts to multiple accounts, significantly enhancing transaction efficiency within the application. This ultimately improved user satisfaction.
- Designed and seamlessly integrated the user-friendly front-end interface, enabling users to initiate and manage multiple transactions effortlessly through the API, resulting in an enhanced and efficient transaction experience within the application.
- Developed and implemented a secure and scalable API for bulk transactions from a partner virtual account to multiple accounts, which enhanced transaction efficiency within the application.

Software Developer - Freelance

Jul 2023 - Feb 2025

Toverbers | Abuja Nigeria

- Designed and implemented backend APIs using Node.js, Express, and MongoDB for logistics and consulting platforms.
- Delivered full-stack solutions such as **Patient NG** and **TikLog**, integrating appointment scheduling, real-time notifications (Socket.IO & RabbitMQ), and secure payment processing.
- Built user-focused UIs with **Next.js** and **React Native**, ensuring responsive, high-performance experiences across web and mobile.
- Integrated third-party services, including **Twilio**, **Google Maps**, **Stripe**, and **Paystack**, to enhance app capabilities.
- Developed fundraiser functionality in Patient NG, allowing users to launch and contribute to campaigns—boosting community involvement.
- Integrated **Calendly** for seamless appointment scheduling and developed APIs for **De Business Consult**, enabling clients to submit applications and financial documents for services such as **bookkeeping**, **payroll**, and **financial analysis**.
- Built APIs for **TikLog's** rider-customer interactions, including location-based search and real-time updates using RabbitMQ.
- Deployed backend services to **Hostinger's cloud infrastructure**, ensuring scalability, reliability, and efficient performance.

Software Developer - Freelance

Oct 2021 - Oct 2023

A'Mobi LTD | Abuja Nigeria

- Built a dating mobile app using **React Native**, focusing on seamless backend integration to ensure smooth user experiences.
- Developed all backend APIs and implemented a matching algorithm that recommends profiles based on user preferences, improving engagement and satisfaction.
- Integrated **Socket.IO** to create a real-time chat system for matched users, enhancing communication and retention.
- Implemented a notification system using **RabbitMQ**, enabling instant alerts when users interact with each other (e.g., likes).
- Designed a biometric login system using device-registered fingerprint or facial data to ensure secure and fast authentication.
- Architected a role-based access system allowing super admins to create users and assign specific permissions.
- Built a React-based admin dashboard for managing users, monitoring activities, and performing administrative actions.
- Developed a data-driven e-commerce insights web app by scraping product data from **Jiji** and **Jumia**, helping vendors align inventory with market trends.
- Built admin and vendor portals with user-friendly UIs—admin features included user management and analytics; vendor features included niche selection, availability tracking, and timed chat windows.
- Implemented a subscription-based model with integrated payments and custom plans, increasing user engagement and revenue.

Education

University of Maiduguri, Borno State, Nigeria

Mar 2011 - Jan 2016

Bachelor of Library and Information Science

Languages:

English