

# Ayobami Ajibola

Software Developer

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Abuja, FCT, 901101, Nigeria

I am a skilled software developer specializing in web and mobile applications. I leverage JavaScript, Python, Node.js, React.js, React Native, Vue.js, Next.js, Django, NoSQL, and SQL databases to build robust frontend and backend solutions, enhancing user experiences through scalable, user-centric designs.

## 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, Docker, Golang, ML

## Work Experience

### Full Stack Developer

Feb 2025 - Present

**Project** - Stress Prediction & Mental Wellness App

- 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 - Present

[Devsquarepk](#) | Munich Germany

**Project** - [Menuapk](#)

- I designed, developed, and implemented the backend and RESTful APIs that power the web application's various functionalities, ensuring streamlined user experiences and efficient data management.
- Deployed the application by configuring and managing cloud infrastructure, including virtual servers, storage, databases, and networking components to ensure reliability and scalability.
- I successfully developed and integrated third-party APIs such as Twilio for communication, Google Maps for location-based services, and OpenAI, which significantly improved the application's functionality and user experience.
- Supported the growth of a junior developer within the team by offering guidance, transferring knowledge, and aiding problem-solving to foster their professional development and contribute to the overall progress of the product.
- I ensured that APIs were seamlessly integrated with frontend and backend systems, enhancing system consistency and stability, resulting in better application performance.
- I leveraged Docker to containerize the application, ensuring consistent environments across development and production.
- I also contribute to building key frontend components, collaborating closely with the design and development teams to create an intuitive and engaging user interface.

### Backend Developer - Freelance

Jul 2024 - Nov 2024

[Toverbers](#) | Abuja Nigeria

**Project** - De Business Consult

- I architected and constructed this project's backend and all other necessary APIs, creating a robust framework that significantly enhanced system efficiency and scalability.
- I utilized the Bull Scheduler module to implement appointment functionality for this project, empowering clients to effortlessly schedule appointments and receive timely notifications, significantly enhancing user engagement and satisfaction.
- I implemented a real-time, in-app chat feature using Socket.io to enable seamless communication between clients and admins, essentially enhancing user support and expediting issue resolution.

## Full Stack Developer - Freelance

May 2024 - Jul 2024

[Toverbers](#) | Abuja Nigeria

### Projects - [Patient NG](#)

- I spearheaded the entire application, developing a robust backend with Node.js and Express, while utilizing Next.js on the front end to create a flawless and responsive user interface. Additionally, I managed the cloud infrastructure, overseeing deployment and hosting on Hostinger to ensure scalability and reliability.
- I developed a fundraiser functionality, empowering users to initiate fundraisers and securely process payments. This initiative actively encouraged the community to support various causes and this greatly boosted overall engagement.

## Backend Developer - Freelance

Jun 2023 - Sep 2023

[Toverbers](#) | Abuja Nigeria

### Projects - Tiklog Delivery Service

- I developed APIs for riders and customers, enabling location-based searches, and utilized RabbitMQ for real-time notifications. This system streamlined rider-customer interactions and significantly enhanced user experience through efficient communication.
- I developed all the APIs required for the smooth operation of the application and provided support to the frontend developer as needed.
- Successfully configured and deployed the backend code on Hostinger's cloud platform, ensuring reliable and efficient handling of the application's backend operations. This setup allowed for seamless performance, scalability, and accessibility of the backend services.

## Mobile Application and Backend Developer - Freelance

Oct 2023 - Dec 2023

*A'Mobi LTD* | Abuja Nigeria

### Project - Lynk Dating Mobile App

- I developed all of the APIs required for the proper running of this application. I also implemented a matching algorithm that intelligently sends profiles to users based on their preferences, increasing user engagement and overall satisfaction with the platform.
- I engineered a robust chat system that seamlessly incorporates Socket.IO and RabbitMQ, enabling matched users to engage in effective communication through the implemented chat functionality. This development enhanced user interaction and satisfaction, leading to an improved user experience.
- I developed the mobile app using React Native, with a focus on seamlessly integrating backend APIs to ensure a smooth and positive user experience. This enhanced user engagement and satisfaction, contributing to an overall increase in app usage.

## Full Stack Developer

Jan 2023 - Jan 2024

[Hyvetechn Ltd](#) | Abuja Nigeria

### Projects - Auto Hyve and Hyve Pay

- I 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.
- I 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.
- I 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.
- I 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.

## Education

University of Maiduguri, Borno State, Nigeria

Mar 2011 - Jan 2016

Bachelor of Library and Information Science

## Languages:

English