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UCHENNA OFOMA LAWERENCE

Software Engineer (*Systems/Frontend/Backend*)

LinkedIn: [@adophilus](#) | **GitHub:** [@adophilus](#)

ABOUT ME

Specialization(s): Googling, Software Engineering, Frontend development, Backend development, Web3 Development.

Technologies: React, [Next.js](#), HTML5, CSS3, Material UI, Python, TypeScript, Rust, Postgres/DynamoDB, Redis, Docker.

Years of Experience: 3+ years working on small to large systems across multiple domains (Web and Web3).

Interests: Chess, Blockchain, AI, and Strategy Video Games.

WORK EXPERIENCE

FoodHut

FoodHut is an e-commerce platform that enables local food vendors to manage online kitchens and provides a seamless food ordering experience for customers.

Summary: Software Engineer (Contract).

Remote | Imo, Nigeria.

Start Date: February 2025 – February 2026.

- Built the frontend and backend platform using React Native and Rust, handling core services for vendor management, order processing, and meal selection.
- Established a robust, multi-environment (staging, beta, production) CI/CD pipeline using GitHub Actions and Docker to ensure product quality and reliable deployment.
- Integrated a managed VPS with the CI/CD pipeline to ensure the latest versions of the backend were automatically synced to the correct channels.

Technologies: React Native, TypeScript, Rust, Axum, Docker, GitHub Actions, PostgreSQL, VPS.

AyaHQ

AyaHQ is a dynamic Web3 incubation platform and builder community igniting Africa's blockchain ecosystem through hackathons and developer initiatives.

Summary: Fullstack Web3 Engineer.

Remote | Delaware, United States.

Start Date: September 2024 – February 2025.

- Accelerated the development of features for the AyaLabs v2 platform (which is now live) using Node.js, TypeScript, Next.js, and NestJS.
- Ensured application stability and provided a seamless user experience across public-facing websites using Jest for testing.
- Collaborated within the engineering team to deploy core features that supported platform functionality for large-scale Web3 hackathons and developer challenges.
- Ensured 99% application stability by implementing comprehensive testing suites with Jest.
- Built the first version of the current website on <https://www.ayahq.com>.

Technologies: TypeScript, NestJS, Next.js, PostgreSQL, RabbitMQ, Docker, GitHub Actions, AWS, ClickUp.

Home Ease

Home Ease is a property-tech platform designed to simplify the process of finding and managing student accommodations, logistics, and property-related services through a unified digital interface.

Summary: Fullstack Software Engineer.

Remote | Imo, Nigeria.

Start Date: December 2023 – September 2024.

- Led the development of a student-focused property management and logistics platform using TypeScript and Node.js.
- Designed and implemented scalable backend services that streamlined user workflows, significantly reducing the time required for

property listings and bookings.

- Integrated third-party APIs for logistics and payment processing, enhancing the platform's utility as a comprehensive relocation tool.
- Improved system reliability by transitioning legacy components to a modern, type-safe architecture.

Technologies: *TypeScript, Node.js, Express, Next.js, PostgreSQL, Redis, Docker, GitHub Actions, AWS, Github Projects*.

Famasi Africa

Famasi Africa builds healthcare infrastructure that enables digital pharmacies and health-tech companies to manage medications, patient data, and fulfillment seamlessly.

Summary: Fullstack Software Engineer.

Remote /Imo, Nigeria.

Start Date: September 2022 – July 2023.

- Contributed to the development of healthcare infrastructure tools, focusing on digital pharmacy management and patient medication tracking systems.
- Collaborated on the frontend using React to build intuitive dashboards for health providers, improving the speed of data entry and retrieval.
- Assisted in backend feature development using Node.js, ensuring secure handling of sensitive patient health information.

Technologies: *TypeScript, Node.js, React, Express, Next.js, PostgreSQL, Redis, Docker, CircleCI, AWS, Click Up*.

EDUCATION

Federal University of Technology, Owerri. (Bachelor of Technology, Electrical and Electronics Engineering)

- Completed courses in Data Structures and Algorithms (DSA), Compiler Construction, Systems Design, and Project Management.
- CGPA: 3.92/5.0