

DENNIS OKWUCHUKWU IKECHUKWU

Lagos, Nigeria | okwuchukwudennis001@gmail.com | LinkedIn | Portfolio | GitHub

EDUCATION

University of Lagos

Bachelor of Science in Mathematics

Lagos, Nigeria

October 2022 – September 2026

Relevant Coursework: Numerical Analysis, Probability & Statistics, and Python Programming.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3

Backend & Data: Spring Boot, Spring Security, Spring Data JPA, Hibernate, REST APIs, PostgreSQL, Flyway, JWT/OAuth2, Supabase

Frontend: Vue.js, Nuxt.js, Pinia, Tailwind CSS, React.js, Next.js

Engineering Tools: Git, GitHub, Docker, Maven, Postman, OpenAPI/Swagger, Burp Suite, Render

PROFESSIONAL EXPERIENCE

Winich Farms

Lagos, Nigeria

Software Engineer

February 2026 – Present

- Engineered role-based admin and workforce platforms centralising employee onboarding, attendance, leave, and internal operations.
- Built a merchant card platform supporting secure, API-driven card operations and merchant workflows.
- Developed a Java/Spring Boot bill-payment microservice integrated with wallet services for wallet-backed transactions.
- Integrate services against OpenAPI/Swagger contracts and investigate frontend and backend issues using browser tooling, Postman, and Burp Suite; participate in Agile delivery, code reviews, and cross-functional debugging.

Winich Farms

Lagos, Nigeria

Software Engineering Intern

June 2025 – February 2026

- Led frontend development of winichfarms.com with Vue.js, Nuxt.js, and Tailwind CSS, translating Figma designs into responsive, reusable components.
- Collaborated with a backend engineer on a loan application, implementing API-driven user flows, frontend logic, and responsive interfaces.

Freelance / Prodigy InfoTech

Lagos, Nigeria

Frontend Engineer / Web Developer

November 2024 – May 2025

- Built responsive client websites and frontend applications with React.js and Next.js, focusing on component reuse, mobile-first behavior, and REST API integration.

PROJECTS

HemoGrid | Java 21, Spring Boot 4.1, PostgreSQL, JPA/Hibernate, Docker | GitHub

- Built a domain-oriented modular-monolith API coordinating urgent blood requests between hospitals and blood banks through organisation-scoped REST endpoints secured with JWT and role-based authorization.
- Implemented ranked provider matching and concurrency-safe inventory reservations using transactions and pessimistic locking, preventing double reservations and enforcing valid request and stock transitions.
- Added Flyway migrations, consistent error contracts, OpenAPI documentation, Actuator health probes, Docker Compose, and 20 PostgreSQL-backed integration tests.

AgriChain API | Java 21, Spring Boot, Spring Security, PostgreSQL, Docker | GitHub

- Designed an agri-fintech REST API covering produce catalogues, farmer inventory, collection centres, orders, and payments; secured farmer, buyer, and administrator workflows with JWT role-based access using Spring Security and JPA/Hibernate.

Sona | Next.js, TypeScript, Supabase, LiveKit, Groq Whisper, LLaMA 3 | GitHub

- Built a full-stack AI video-meeting platform with real-time audio, video, screen sharing, and WebRTC transcription; created a post-call pipeline that produces summaries and action items and delivers them by email.