

QUADRI MARVELLOUS AL-AMEEN

Full-Stack Developer Intern

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PROFILE

Self-taught full-stack developer building production-style systems end to end — frontend, backend, security, and deployment — with a focus on offline-first design and low-connectivity infrastructure. Comfortable owning a project from architecture through shipping: NODE SECURITY (a live, deployed access-control platform) and Afirm (a full product concept with waitlist in production) demonstrate this range. Currently completing a Physics Education degree at Lagos State University while building and deploying independent software projects. Seeking a full-stack internship to bring this end-to-end ownership to a professional engineering team.

TECHNICAL SKILLS

Frontend: Next.js, React, Tailwind CSS

Backend: Node.js, Express, RESTful API design

Database & Auth: Supabase (PostgreSQL)

Languages: JavaScript (ES6+), TypeScript

Infrastructure & Tools: Docker, Git, Linux/Terminal, Vercel, Railway

Security: AES-256-CBC encryption, HMAC-signed verification, tamper-evident logging

PROJECTS

NODE SECURITY

Full-stack offline-first access-control platform

- Architected and built a full-stack Node.js/Express system deployed on Railway, serving four distinct interfaces (admin, guard, resident, camera) from one offline-first codebase.
- Implemented HMAC-signed, date-tied QR codes and AES-256-CBC encrypted, tamper-evident event logging.
- Built a real-time panic alert system using the Web Audio API, resident registration with admin approval, household access controls, and WhatsApp guest-pass sharing.
- Debugged UTC vs. Africa/Lagos timezone mismatches, camera library conflicts (replaced html5-qrcode with native getUserMedia + jsQR), and iPhone Safari HTTPS requirements.

Afirm

Verified professional social platform (Next.js, Supabase, Paystack — planned)

- Designed the product end to end: tiered identity verification (phone, face scan, NIN/BVN, CAC), human-moderated approval, and skill-based discovery for African creatives and businesses.
- Built and deployed a waitlist landing page with Web3Forms integration, live on Vercel and actively capturing leads.

Bingchun Nigeria

Full-stack e-commerce preorder site (client pitch project)

- Built a complete preorder flow using Next.js 14, TypeScript, Tailwind CSS, and Docker as a pitch deliverable for a Lagos boba tea/ice cream brand.

Project NODE

Local intranet student portal

- Developing a Node.js-based student portal designed to run on a local intranet without dependence on external connectivity.

EDUCATION

B.Sc. Physics Education — Lagos State University (LASU), Ojo, Lagos, Nigeria (Expected 2028)

CERTIFICATIONS

- Generative AI Certificate — 2026
- Lagos State Skill Upgrade Certificate — 2024