

Emmanuel Gideon Itiri

Full Stack Software Engineer

Enugu, Nigeria | +234 813 585 4390 | itiriemmanuel2@gmail.com

Portfolio: <https://itiri.quukr.com/> | GitHub: <https://github.com/quukr> | LinkedIn: <https://www.linkedin.com/in/aionx-dev-8106a8366/> | X/

Twitter: <https://x.com/itiriemmanuel>

PROFESSIONAL SUMMARY

Full Stack Software Engineer with experience designing, building, and deploying production SaaS applications from concept to production. Experienced in developing responsive web applications, scalable backend systems, REST APIs, authentication, database-driven platforms, and cloud deployments using Next.js, React, FastAPI, Node.js, PostgreSQL, Redis, MongoDB, and TypeScript. Comfortable owning products end-to-end, from system architecture and backend engineering to frontend implementation and deployment.

TECHNICAL SKILLS

Languages	Frontend	Backend	Databases	Cloud & DevOps	Payments
• TypeScript • JavaScript • Python • SQL • C	• React • Next.js • Tailwind CSS • Shadcn UI	• FastAPI • Node.js • Express.js • REST APIs • Auth & Authz • JWT • Redis • BullMQ • Socket.IO	• PostgreSQL • MongoDB • MySQL • Prisma ORM	• Docker • Railway • Vercel • Cloudflare • GitHub Actions • GCP • AWS	• Paddle • Paystack • Flutterwave • Stripe • Lemon Squeezy

EXPERIENCE

Founder & Full Stack Software Engineer — Quukr

2026 – Present

Designed, developed, and deployed a production SaaS platform that helps organizations maintain transparent financial records and enables seamless executive handovers.

- Designed the overall application architecture and product workflow.
- Developed responsive dashboards and user interfaces using Next.js and React.
- Built reusable frontend components and integrated backend APIs.
- Designed and implemented REST APIs using FastAPI.
- Built secure authentication, authorization, email verification, and password recovery workflows.
- Designed PostgreSQL database schemas for financial transactions, users, and organizational data.
- Integrated Redis caching and background job processing.
- Implemented subscription billing and payment integrations.
- Managed production deployments, application configuration, and release processes.
- Led the complete software development lifecycle from product planning through deployment and maintenance.

PROJECTS

Quukr — Production SaaS platform for transparent financial record management

Technology Stack: FastAPI, PostgreSQL, Redis, Next.js, React, TypeScript, Railway, Vercel

- Multi-tenant architecture
- Financial ledger management
- Organization dashboards
- Authentication and authorization
- Reporting and exports
- Subscription billing

Maternal & Child Primary Health Care System — Final-year engineering project focused on improving healthcare communication and patient management through digital technologies

- Patient management system
- SMS appointment reminders
- REST APIs
- Database management
- Responsive web interface

EDUCATION

Bachelor of Engineering (B.Eng.), Biomedical Engineering

Federal University Allied Health Sciences, Enugu