

Samuel Stanley

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Professional

Summary

Senior Full-Stack Engineer with 5+ years of experience architecting and shipping high-performance, enterprise-grade web platforms across Africa and globally. Proven track record owning the complete product lifecycle — from database schema and backend microservices to responsive frontends and cloud infrastructure. Deep expertise in Node.js, PostgreSQL, Next.js, and AWS, with hands-on experience building secure REST & GraphQL APIs, role-based authentication systems, and automated CI/CD pipelines. Currently building **OPNMRT**, a multi-vendor SaaS marketplace with AI-powered merchant tools, demonstrating end-to-end product ownership at scale. Passionate about clean code, scalable architecture, and data-driven systems that support multi-country enterprise clients.

Technical

Skills

Backend	Node.js, NestJS, Python, REST APIs, GraphQL, Background Jobs, Webhooks
Frontend	Next.js, React.js, TypeScript, Tailwind CSS, Responsive & Accessible UI/UX
Databases	PostgreSQL, MySQL, MongoDB, Redis — schema design, indexing, query optimisation
ORM / Data	Prisma, Sequelize, Mongoose, analytics-optimised schemas, data redundancy systems
Cloud & DevOps	AWS (EC2, S3, RDS), Vercel, Docker, GitHub Actions, automated CI/CD pipelines
Security	JWT / OAuth2, RBAC, GDPR compliance, encryption at rest & in transit, audit logging
Integrations	Paystack, Flutterwave, Stripe, Sendgrid, Resend, Gemini AI, Anthropic Claude
Tools	Git, Postman, Neon, Prisma Studio, Linux, VS Code

Professional

Experience

Freelance Senior Full-Stack Engineer

2021 – Present

Independent / Remote

- Architected and shipped 6+ production platforms end-to-end — SaaS marketplaces, EdTech portals, and e-commerce systems — maintaining consistent 99%+ uptime post-launch.
- Designed multi-tenant PostgreSQL schemas and optimised queries, reducing critical latency by up to 40% on data-heavy analytics dashboards.
- Built secure authentication systems (JWT, OAuth2, RBAC) for platforms handling 1,000+ concurrent users across multiple countries, with zero breach incidents throughout all engagements.
- Delivered fully documented REST & GraphQL APIs integrated with 10+ third-party services including payment gateways, CRMs, survey platforms, and mapping tools, complete with OpenAPI specifications.
- Established CI/CD pipelines with GitHub Actions and Docker, cutting deployment time by 60% and enforcing automated code quality gates on every commit.
- Conducted architecture audits on inherited codebases, identifying and eliminating high-risk technical debt while refactoring for long-term maintainability and scalability.

Lead Engineer — OPNMRT (Multi-Vendor SaaS Marketplace)

2024 – Present

Founder-led Product

- Architecting a multi-vendor marketplace with NestJS microservices backend, Next.js frontend, and PostgreSQL / Prisma data layer designed to scale across multiple Nigerian LGAs and beyond.
- Implemented zero-commission merchant model with AI-powered tools (Claude API), LGA logistics routing, and Flutterwave integration for real-time transaction processing.
- Designed admin dashboard with order verification workflows, payment receipt scanning, multi-seller management, and granular RBAC — full data platform ownership end-to-end.
- Led all infrastructure decisions: Docker containerisation, Vercel edge deployment, automated database backups, and disaster recovery strategies.

Full-Stack Engineer — EMPI Costumes

2023 – 2024

Client Project, Lagos

- Built a premium costume rental and sales platform with a custom booking engine, real-time availability calendar, and Paystack payment integration serving customers across Lagos.
- Achieved sub-2-second load times on Nigerian network conditions through Next.js / Tailwind CSS optimisation and CDN configuration.
- Implemented automated email workflows (Sendgrid) for booking confirmations and payment receipts, reducing manual customer service load by approximately 70%.

Full-Stack Engineer — Study Express UK

2023 – Ongoing

Client Project, Remote

- Developed a comprehensive executive education platform supporting UK certifications, event bookings, and bespoke learning pathways for professionals across multiple countries.
- Built authentication with Auth.js (NextAuth), PostgreSQL user management, and role-based content access for distinct learner and administrator tiers.
- Integrated a dynamic event scheduling engine and multi-tier pricing system for international certification programmes with real-time seat availability tracking.

Notable

Projects

Stanley’s Log — Autonomous AI Publishing Engine

2025 – Present

Next.js, Gemini AI, GitHub Actions, TypeScript, Cheerio

- Built a fully autonomous AI publishing engine that scrapes news, processes content via multi-model fallback (Gemini / GPT), and publishes daily updates with zero human intervention.
- Engineered a secure admin dashboard with webhook-triggered GitHub Actions pipelines for content review, scheduling, and audit trail management.

Admin Support HQ — Internal Operations Platform

2024

React, TypeScript, REST API, Tailwind CSS

- Delivered a feature-rich admin panel with order verification flows, multi-seller management, and granular role-based access control, reducing manual processing time by an estimated 50%.

Education

Certificate — Fullstack web development

Nigeria

Continuous Personal Development

AWS Cloud Architecture, System Design at Scale, AI/ML Integration, advanced PostgreSQL performance tuning.

Core

Competencies

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| • Enterprise data platform architecture | • Secure API design & documentation | • PostgreSQL optimisation & indexing |
| • Multi-country SaaS scalability | • GDPR compliance & audit logging | • CI/CD & DevOps automation |
| • Role-based access control (RBAC) | • Technical debt remediation | • Clean code & thorough documentation |
| • 99%+ uptime engineering | • Cloud infrastructure (AWS / GCP) | • Cross-functional collaboration |