

Silas Okanlawon

Full-Stack Software Engineer

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[LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Full-stack software engineer with expertise in backend-heavy systems using Node.js, Python, and Golang, complemented by strong frontend execution in TypeScript and Next.js. Proven track record building production-ready APIs, internal tools, CLI tools, and AI-powered workflows for startups and enterprises.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript, Python, Go

Frontend

Next.js, React, TailwindCSS, SEO, Web Accessibility

Backend

Node.js, FastAPI, Flask, REST, Celery, PostgreSQL, MongoDB, Redis

DevOps/Infra

Docker, Kubernetes, GitHub Actions, AWS, CI/CD, Prometheus, Grafana

AI/Specialization

LLMs, RAG (LangChain, FAISS), Vector DBs, Prompt Engineering, CLI Development

EDUCATION & CERTIFICATIONS

- B.Sc. Computer Science — University of Ibadan
- Google Data Analytics Professional Certificate (2023)
- Full Stack Web Development — Udemy (2022)
- Artificial Intelligence — HP Life (2025)

PROFESSIONAL EXPERIENCE

Full-Stack Developer

Jan 2026 – Present

Teniam | Remote

- Architecting a modern, multi-vendor marketplace for high scalability and seamless user experience.
- Developing unified dashboards for complex order lifecycles and engineering real-time communication systems.

Software Engineer (Full-Stack & AI)

Jan 2024 – Jan 2026

Rehub Developers | Remote

- Architected scalable backend microservices (FastAPI, Node.js) and deployed containerized services (Docker/Kubernetes) with 99.9% uptime.
- Integrated AI capabilities (LLMs via Ollama, RAG with LangChain/FAISS), improving knowledge base accuracy by 25%.

Data Scientist

Jul 2024 – Oct 2025

SkillBoost Africa | Remote

- Contributed to data-driven product development through predictive modeling and deep data analysis.

Full-Stack Engineer (Contract)

Mar 2025 - Present

Newtools.io | Remote

- Architected responsive frontend (Next.js, Shadcn) and developed scalable backend (Node.js, Supabase).

Freelance Full-Stack Developer

2022 – Present

Freelance | Remote

- Delivered 10+ production-grade applications for clients in e-commerce, healthtech, and automation, integrating AI APIs and building SEO-optimized UIs.

KEY PROJECTS

Pedestal: FastAPI CLI Starter Tool

Scaffolds FastAPI projects with production-ready foundations, configuring authentication, database connections, Redis caching, and project structure.

Tech: [Python](#), [FastAPI](#), [Typer](#), [Jinja2](#), [PostgreSQL](#), [Redis](#), [Docker](#)

Quira AI: AI Content Generation Platform

Full-stack platform (Next.js, Node.js) for AI-powered text and image generation with customizable templates.

Tech: [Next.js](#), [Node.js](#), [TypeScript](#), [AI/LLM APIs](#), [Image Generation APIs](#), [PostgreSQL](#), [Redis](#)

Multi-Vendor Marketplace Platform

Ecosystem with storefront, vendor panel, and admin control, integrating Stripe, Algolia, and TalkJS.

Tech: [Next.js](#), [Node.js](#), [PostgreSQL](#), [Redis](#), [Stripe](#), [Algolia](#), [TalkJS](#)

MyResumeAI: Rule-based resume evaluation platform

Delivers transparent, evidence-backed scoring metrics.

Tech: [Next.js 15](#), [TypeScript](#), [FastAPI](#), [Prisma](#), [PostgreSQL](#), [Redis](#)