

Aniekan Winner Anietie

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-stack Software Engineer and technical founder with 3+ years of experience architecting AI-enabled, multi-tenant platforms using Python, Go, React, and TypeScript. Experienced in delivering secure, reliable products across fintech, education, and healthcare, with measurable outcomes including a 60%+ increase in user retention, a 35% increase in conversion, and a 45% improvement in API reliability.

TECHNICAL SKILLS

- **Languages:** Python, Go, JavaScript, TypeScript, SQL
- **Backend and Platform:** FastAPI, Go/Chi, Node.js, PostgreSQL, Redis, REST APIs, multi-tenancy, BFF architecture
- **Frontend:** React, Next.js, Turborepo, TanStack Query, Zustand, Tailwind CSS, React Hook Form, Zod, AG Grid Enterprise
- **AI/ML:** LangGraph, RAG, LangChain, Ollama, ChromaDB, PyTorch, Hugging Face, semantic search
- **Security and DevOps:** Keycloak/OIDC, Cerbos, RBAC, Docker, Kubernetes, OpenTelemetry, GitHub Actions, CI/CD

EXPERIENCE

Acumace AI Studio — Abuja, Nigeria

Founder and Lead Software Engineer (2025 – Present)

- Lead the development of Acumace, an AI-native, multi-tenant platform comprising LearnCircle SIS, LMS and Student Portal, Workpods, and an internal administrative control plane.
- Architected a polyglot platform with a Go Core API for tenant-safe business workflows and a stateless Python AI service for classification, semantic search, recommendations, and asynchronous automation.
- Designed a governed Next.js and TypeScript monorepo using Turborepo, generated API clients, TanStack Query, Zustand, React Hook Form, and Zod.
- Built separate consumer and enterprise UI systems using Tailwind CSS, Blueprint, AG Grid Enterprise, Tremor, and FullCalendar.
- Enforced a strict BFF architecture with tenant isolation, Cerbos policy-based authorization, immutable audit logging, typed contracts, and secure service boundaries.
- Implemented AI workflows using FastAPI, LangGraph, Taskiq, and Redis while keeping the AI service stateless and isolated from the primary database.

OpenTeams Inc — Austin, Texas (Remote)

Software Engineer (May 2024 – June 2026) | Software Engineering Intern (Feb 2024 – April 2024)

- Shipped production applications using FastAPI and React, improving REST API reliability and frontend responsiveness by 45%.
- Optimized legacy services through performance tuning and refactoring, reducing API latency by 18% and improving system stability.
- Built RAG and semantic-search tooling with Python, Ollama, and ChromaDB to improve access to internal technical documentation.
- Developed DuckDB-based natural-language SQL routing and automated XLSX/CSV ingestion pipelines for auditable AI summaries and reports.

Wellahealth Technologies — Abuja, Nigeria (Hybrid)

Software Engineer (Feb 2024 – Present)

- Lead the development of PRESS, an offline-first React and TypeScript PWA for blood-pressure monitoring in low-connectivity environments.
- Implemented Service Worker and caching strategies that preserve medical data entry during network interruptions.
- Built an anti-fraud validation system using ML-assisted image verification, EXIF metadata analysis, and pixel hashing.
- Developed wallet, payout, and learning-management workflows supporting agent operations, training, and performance tracking.
- Improved Meditrina, Zoi, and Healthsend, increasing user retention by over 60% and customer conversion by 35%.

SELECTED PROJECTS

SOLE (Employee Stock Option Loan Platform) — Full-Stack Software Engineer

- Built a multi-tenant stock-option loan platform with strict organizational data isolation and configurable tenancy.
- Implemented borrower eligibility, vesting, down-payment, multi-grant loan, and lifecycle-management workflows.
- Designed staged HR, Legal, and Finance approvals with notifications, document management, and funding-confirmation gates.
- Implemented JWT authentication, RBAC/ACL, audit logging, and encrypted-field support for sensitive information.

Core stack: Python, FastAPI, SQLAlchemy, PostgreSQL, Redis, TypeScript, React.

SuperSet — Agentic Development Orchestrator — Software Engineer

- Building a local-first orchestrator that coordinates CLI coding agents across planning, implementation, verification, security, and testing.
- Designed standardized handoff bundles and verifier loops that run linting, tests, and type checks before advancing work.
- Implementing isolated Git worktrees, persistent execution logs, and reproducible artifacts for safe parallel delivery.

Core stack: Python, Rust, SQLite, Git worktrees, PTY sessions, Electron, Docker.

EDUCATION

Miva Open University | Abuja, Nigeria

MSc, Information Technology (Artificial Intelligence) | Expected Dec 2026

Selected Coursework: Machine Learning & AI Fundamentals, Deep Learning, NLP, Computer Vision, Ethics in AI, Advanced Database Systems, Cloud Computing.

Brigham Young University - Idaho | Rexburg, USA

Bachelor of Science in Software Development | Completed June 2025

Selected Coursework: Data Structures, Web Full-Stack Development, Web Services, Software Engineering Principles, Software Testing, Senior Project.