

# KELVIN NG'ENO

**Full Stack Software Engineer | AI Engineer | Mobile App Developer**

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Portfolio: [ngenondumia.com](https://ngenondumia.com)

GitHub: [github.com/ngenome](https://github.com/ngenome)

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## PROFESSIONAL SUMMARY

Full Stack Software Engineer with 5+ years building web and mobile applications serving tens of thousands of users. I work across the entire stack – from React Native mobile apps to AI agents, with a focus on solutions that are actively used in production and deliver measurable impact.

**Core Stack:** Python, TypeScript/JavaScript • React, Next.js, TailwindCSS • Django, FastAPI, Node.js, Fastify • React Native (iOS & Android) • PostgreSQL, SQLite, MongoDB, Redis • AWS, Azure, Docker, Linux/Unix, Bash, Make • Langchain, Langgraph, OpenAI Agents, CrewAI, Browser use.

## PROFESSIONAL EXPERIENCE

### Full Stack Developer & CTO | Navismart AI (Feb 2025 – Present)

- Leading a team to build [navismartai.com](https://navismartai.com), an **AI-powered immigration platform** for individuals and agencies
- Migrated backend from Django to FastAPI to improve async throughput and concurrency under load
- Designed and implemented AI agent workflows using OpenAI Agents SDK and Langgraph.
- Implemented **PII security** with field-level encryption at rest, RBAC, audit logging, and secrets management
- Made key architecture decisions to balance performance, maintainability, and cost

### Founder | Dissolve Software (2024 – Present)

- Founded a software consultancy delivering custom solutions for web and mobile apps
- Managed client relationships, contracts, and delivery, gaining business-side experience
- Built apps for SMEs in e-commerce, service platforms, and internal tools

### Consultant Developer | Mes & Dak Corporation (Oct 2024)

- Conducted a 2-week consulting contract reviewing code and UI/UX for M'Network and M'Butic platforms
- Identified performance bottlenecks and UI/UX issues and delivered optimization recommendations

- Redesigned key UI components to improve usability and user flow

### Full Stack Mobile Developer | Jobzy Limited (Mar 2024 - Mar 2025)

- Built three apps in the Jobzy ecosystem (Talanta AI App, Service Provider App, Client App)
- Scaled Talanta AI App to **20k+ active users** across web, iOS, and Android
- Added AI-powered resume and cover letter generation, improving user engagement
- Contributed to Jobzy winning Startup of the Year
- Delivered full stack with React Native, Django, PostgreSQL, Azure

### Full Stack Engineer | M-jenzi (Jan 2023 - Mar 2024)

- Built award-winning **multivendor e-commerce platform** for construction materials (1st place Kenya E-commerce Award)
- Designed and developed vendor dashboards, admin portal, and the mobile app
- Optimized architecture, cutting load times by over 40% and improving user experience.
- Built **robust payment systems** including Buy Now, Pay Later (BNPL) support, improving accessibility and sales.
- Managed database design, DevOps, and deployments on AWS and Azure

### Full Stack Developer | Wera (Jun 2022 - Nov 2022)

- Developed a service procurement platform with a React Native mobile app and Django backend
- Built real-time chat with web sockets for better in app buyer-seller communication

### Mobile Developer | Snobole Software (Jan 2022 - Jun 2022)

- Built a laundry service app using React Native and Expo
- Converted UI/UX designs from Adobe XD to code
- Integrated Stripe payments for seamless user checkout

### KEY PROJECTS

- **Talanta AI App** ([talanta.ai](https://talanta.ai)) - Job search platform deployed on web, Android, and iOS with 20k+ active users
- **M-jenzi Platform** ([m-jenzi.com](https://m-jenzi.com)) - Award-winning e-commerce solution for construction industry
- **FarmZ** - Farm expense tracking app that replaced Excel, improving financial transparency and cutting manual reconciliation time
- **Swix.dev** - Building an AI app builder platform where users can "vibecode" applications into existence

More projects at [www.ngenondumia.com](https://www.ngenondumia.com)

**LANGUAGES** English & Kiswahili (Fluent)