ELVIN OMONDI JUMA

FULL-STACK SOFTWARE ENGINEER

Kenya | +254 790 670 542 | omondielvin@gmail.com
github.com/Elvinoacer | linkedin.com/in/elvin-juma-680747281

Full-stack software engineer and Computer Science student creating business software from workflow discovery through deployment. Builds multi-tenant SaaS, M-Pesa integrations, real-time and offline systems, with practical KYC and client onboarding experience at Equity Bank Kenya.

TECHNICAL SKILLS

Languages and web TypeScript, JavaScript, React, Next.js, Tailwind CSS
Backend and data Node.js, Express, REST APIs, Prisma, PostgreSQL, SQLite
Systems and delivery Electron, Socket.IO, M-Pesa/Daraja, IntaSend, Git, Linux, Vercel

EXPERIENCE

Founder and Product Engineer
2025 - Present
Great Thumbs Software Solutions (GTSS) | Kenya

- Own end-to-end product development: requirements, data models, APIs, interfaces, payment integrations and deployment across healthcare, hospitality and local commerce.
- Translate pharmacy and SME field feedback into clearer onboarding, administrative workflows and payment handling; iterate on reliability and usability.

Client Onboarding and Banking Operations
Jan - Dec 2023
Equity Bank Kenya

- Opened client accounts, issued Equitel SIM cards and printed ATM cards.
- Learned Know Your Customer (KYC) requirements and the importance of accurate client records.

SELECTED ENGINEERING PROJECTS

Afyvia | Multi-tenant pharmacy platform
2026 - Present **Source** **Live**

- Built pharmacy storefronts, prescription requests for pharmacist review, service bookings and staff CRM, with role-based access and tenant data isolation.
- Implemented pharmacy verification, subscription billing and M-Pesa callbacks; added regression coverage for tenant isolation, billing and prescription workflows.

Restaurant Manager | Offline operations
2025 - Present **Source**

- Built a desktop and local-server system for guest ordering, kitchen tickets, table tracking and staff administration over a local network.
- Configured captive Wi-Fi using hostapd, dnsmasq and iptables to support local ordering without internet; integrated Daraja payments and desktop packaging.

JustInTime | Local services marketplace
2025 - Present **Source** **Live**

- Built provider discovery, proposals, bookings, role-based dashboards and real-time messaging for customers and service providers.
- Implemented M-Pesa and wallet workflows with payment reconciliation, booking lifecycle records and ownership checks on protected actions.

Further work Concept Builders (architecture marketplace); German Virtual School (education operations).

EDUCATION AND COMMUNITY

Degree in Computer Science | Moi University
Expected graduation 2027

Hackathons Team participant, KenyaRe-UoN Hackathon 2024 (AI for insurance).
Public contributions Public GitHub repository contributions, July 2026.