

ELVIN OMONDI

FOUNDING ENGINEER & DIGITAL ARCHITECT

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🌐 github.com/Elvinoacer

🌐 gtss.vercel.app

Innovative Full-Stack Developer with **4+ years** of experience architecting high-performance digital ecosystems. Specialized in **enterprise-grade SaaS platforms**, immersive 3D web experiences, and distributed systems using Next.js. As **Founder of GTSS**, I lead product development maintaining **188+ reusable components** for rapid deployment with architectural consistency.

EXPERIENCE

Software Engineer

2024 – 2025

Beren Software Bootcamp

- ▶ Collaborated with a cross-functional team to develop and deploy production-ready applications
- ▶ Built **RentHub** — a property management platform (web + Android) serving real users
- ▶ Participated in code reviews, agile sprints, and continuous deployment workflows

Banking Operations Associate

2023 – 2024

Equity Bank Kenya

- ▶ Managed customer accounts, ATM card issuance, and Equitel line registrations
- ▶ Processed M-Banking enrollments and cheque registrations with strict KYC compliance
- ▶ Gained deep understanding of enterprise security protocols and regulatory requirements

FEATURED PROJECTS

ZION-HILL

Aug 2025

Institutional Church Management Platform

- ♦ Architected **50+ models, 135 APIs** for congregation, giving, and counseling workflows
- ♦ Built **28-role** RBAC from Senior Pastor to Ministry leads with granular permissions

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Restaurant Manager

★ FLAGSHIP

Offline-First Intranet Ordering & Operations System

- ♦ Built cross-platform **Electron.js** desktop app with production builds for **Linux** and **Windows**
- ♦ Engineered **captive portal** using **hostapd/dnsmasq** — redirects guests to ordering system without internet
- ♦ Solved **IndexedDB** scaling challenges for offline data persistence across hardware limitations
- ♦ Achieved **99.9%** uptime and **<50ms** order-to-kitchen latency via **Socket.IO**

CROSS-PLATFORM BUILDS CAPTIVE PORTAL INDEXEDDB SCALING HARDWARE CONSTRAINTS

[View Project →](#)

JustInTime

Nov 2025

Kenyan Gig Economy Marketplace

- ♦ AI matching via **TensorFlow.js** connects clients to nearby verified providers
- ♦ **eTIMS** tax compliance + **M-Pesa** payments for KRA-ready invoicing

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Concept Builders

Dec 2025

Architectural Design E-Commerce

- ♦ Sell building plans with **PayPal** + **M-Pesa** and real-time currency conversion
- ♦ Custom design requests with milestone tracking and client feedback loops

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Kampus

Jan 2026

University Social Network (Mobile)

- ♦ **React Native** app with marketplace, lost & found, and event discovery
- ♦ Scaled feeds via fan-out/fan-in + **Redis**; E2E encrypted chat at **<300ms**

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German Virtual School

Feb 2026

Live Language Learning Platform

- ♦ **Jitsi** video classrooms with auto attendance and duration logging
- ♦ Rubric-based grading, progress reports, and GDPR-compliant data handling

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IMPACT

188+ REUSABLE COMPONENTS

18+ PRODUCTION SYSTEMS

4+ YEARS EXPERIENCE

EDUCATION

Moi University

Computer Science
2023 – 2027 (Ongoing)

Lubinu High School

2019 – 2022

TECH STACK

FRONTEND

Next.js 14-16 React 19 TypeScript

Tailwind

3D / MOTION

Three.js GSAP Framer

BACKEND

Node.js PostgreSQL Prisma

INFRA

Redis Socket.io Docker

CORE FOCUS

System Design — Standardized 188+ components for GTSS products

Compliance — eTIMS tax systems, KYC protocols, and secure payment gateways

Security — Multi-Role RBAC with 2FA via NextAuth.js