

GRIFFINS MUTEHERI MUHAVI

0115 084 549 | grieffinsmuhavi@gmail.com | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Software engineer with a strong focus on **reliability, resilience, and user trust**. I build and maintain systems where uptime, correctness, and performance are critical, taking full ownership from design through production. I believe the best technology is invisible to users; quietly dependable and engineered to perform when it matters most.

TECHNICAL AND PROFESSIONAL SKILLS

- **Frontend:** React, Next.js, JavaScript (ES6+), C#, Java, Tailwind CSS, Responsive Design.
- **Backend & API:** Node.js, TypeScript, .NET, Python (Django) RESTful & WebSocket protocols, PostgreSQL, MongoDB, Supabase.
- **Cloud & Infrastructure:** **Google Cloud Platform (GCP)**, Vercel, Firebase, Docker, Linux System Administration.
- **Performance & Tools:** Git/GitHub, Railway, Unit Testing, Peer Code Reviews, Agile Methodologies.
- **Core Competencies:** SDLC, Data Protection (GDPR/HIPAA compliance awareness), Technical Documentation
- **Professional Attributes:** Leadership, Communication, Adaptability, Problem-Solving, Reliability, Initiative

EDUCATION

Bachelor of Science in Computer Science

Sept 2022 – Nov 2025

(Second Class Upper Division)

Zetech University | Technology Park Mang'u Campus, **Kiambu**

Kenya Certificate of Secondary Education

Jan 2018 – March 2022

Chavakali High School, Vihiga

PROFESSIONAL EXPERIENCE | VOLUNTEER WORK

Freelance Software Developer | **Remote**

Jan 2024 – Present

- Deployed **5 custom applications** using Agile methodologies to ensure rapid, high-quality iteration based on **client feedback**.
- Engineered secure backend systems featuring **encrypted authentication**, ensuring data integrity for API-driven platforms.
- Minimized post-launch issues by implementing **structured unit testing** and peer code reviews.

IT Attachee

May 2025 – Sept 2025

Nakuru Level 5 Referral and Teaching Hospital | **Nakuru**

- Managed **Electronic Health Records (EHRs)** in a 24/7 mission-critical environment, adhering to strict data protection regulations.
- Resolved complex network and software failures to ensure **zero downtime** for hospital operations

- Spearheaded **3 hackathons for 56 participants**, resulting in **10** functional software prototypes.
- Mediated technical and administrative challenges between faculty and students to maintain project timelines.

PROJECTS

Django Content Platform | Python, Django

- Engineered a full-featured blogging system with secure user authentication for **over 20 concurrent users**, streamlining content workflows through the implementation of CRUD operations and efficient relational data handling via Django ORM. Reduced page load times by **15%** through database query optimization and ensured a **100% responsive user experience** across all device types using Django's templating engine and modern CSS frameworks. [View Project](#)

Nafsi Booking Application | C#, .NET

- Engineered a high-concurrency booking engine using **C#/.NET Core** to manage complex scheduling and real-time availability tracking. Optimized **MS SQL Server** queries to ensure **100% transactional accuracy** for multi-user reservation workflows. [View Project](#)

Full-Stack Ecommerce Platform | Java, React, Spring-Boot, Maven

- Architected a secure **RESTful API** to manage complex transactional logic and relational data mapping, ensuring 100% data integrity during high-stakes checkout processes. Optimized the system for concurrent user interactions and implemented a mobile-first, responsive frontend with **Tailwind CSS** to deliver a production-caliber user experience. [View Project](#)

REFEREES

Available upon request.