
Emmanuel Muuo

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Professional Summary

Full-Stack Software Developer with 2+ years of experience building scalable **web and mobile applications**, **REST APIs**, and **backend systems** using **Node.js**, **Django**, **Flask**, **React**, **Next.js**, and **.NET Core**. Skilled in **CI/CD automation (Jenkins)** and **cloud deployment (Vercel)**.

Passionate about clean architecture, performance optimization, and integrating **AI/ML** features with **HuggingFace** and **Ollama**.

Core Skills

Languages & Tools: Python, JavaScript, TypeScript, C#, PHP

Frameworks: React, Next.js, Flask, Django, Node.js, .NET Core, Nest.js

Databases: MySQL, PostgreSQL, SQLite

DevOps: Jenkins, Vercel, Git, GitHub

Styling & UI: Tailwind CSS, Radix UI, ShadCN

AI/ML: Ollama, HuggingFace

Testing: PyTest

Experience

Support Analyst – MeduHub Healthcare (Sept 2025 – Present)

- Automated internal processes to improve system efficiency and uptime.
- Resolved escalated bugs and optimized backend performance.
- Collaborated cross-functionally to implement new features and integrations.

Junior Software Developer – Affam Limited (June 2024 – Sept 2025)

- Built REST APIs and microservices using **.NET Core**, **Flask**, and **Django**.
- Developed offline-first sync systems with **PouchDB/CouchDB**.
- Deployed builds via **Jenkins CI/CD pipelines**.

Volunteer Software Developer – Almi Group Limited (Aug 2024 – Present)

- Created an appointment system using **Next.js**, **Flask**, and **SQLAlchemy**.
- Implemented testing (PyTest) and continuous deployment via **Vercel**.

Education

B.Sc. Information Technology – Murang’a University of Technology (2021 – 2025)
Second Class Honours (Upper Division)

Key Projects

- **MeduHub Platform:** Django + React healthcare system for patient management.
 - **Chat Application:** Real-time messaging app (Next.js + Flask) with Jenkins CI/CD.
 - **Appointment System:** Full-stack booking app (Next.js + Prisma + MySQL) deployed via Vercel.
 - **RAG AI Assistant:** LLM-powered chatbot using Ollama + HuggingFace.
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Certifications

Full-Stack Software Development – Edureka (2024)

Referees

Rashid Sadiq – CEO, Affam Limited | ✉️ sadiqrashid@gmail.com | ☎️ +254 712 212717

Ronald Mutia – Software Engineer, Affam Limited | ✉️ mutiaronald138@gmail.com | ☎️ +254 790 021016