Emmanuel Muuo

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🔗 **LinkedIn:** www.linkedin.com/in/emmanuel-muuo-92342729b | **GitHub:** github.com/Antoh3

Professional Summary

Results-driven Full-Stack Software Developer, Mobile Developer & Support Analyst with 2+ years of experience building and maintaining web and mobile applications, REST APIs, and backend services. Skilled in JavaScript, TypeScript, Node.js, React, Next.js, Django, Flask, .NET Core, and modern frameworks with a strong foundation in Python, JavaScript, C#, and relational databases.

Adept at debugging, performance optimization, and automating deployments using CI/CD pipelines with Jenkins and deployment platforms like Vercel. Experienced in agile collaboration and version control. Passionate about designing scalable software solutions, implementing modern UI/UX principles, and exploring AI/ML technologies, including fine-tuning LLMs with HuggingFace and Ollama.

Skills

- **Languages & Technical Skills:** Python, JavaScript, TypeScript, C#, PHP, UI/UX
- **Databases:** MySQL, PostgreSQL, SQLite, PouchDB/CouchDB
- **ORMs:** Prisma, TypeORM, SQLAlchemy, Django ORM
- **Frameworks & Libraries:** React, Next.js, Flask, Django, Laravel, Node.js, .NET Core, Express.js, Nest.js, React Native, Expo
- **Version Control:** Git, GitHub
- **DevOps:** Jenkins, Vercel, Git, GitHub
- **Testing:** PyTest
- **Styling:** Tailwind CSS, Bootstrap, React Bootstrap
- **UI Libraries:** Hero UI, Radix UI, ShadCN, Aceternity UI
- **API Documentation:** Swagger UI
- **CI/CD & Deployment:** Jenkins, Vercel
- **AI/ML:** Ollama (Llama, Phi, TinyLlama), HuggingFace (DistilBERT, Mistral)

Work Experience

Support Analyst (Contract) – MeduHub Healthcare
📅 *Sept 2025 – Present*

- Provided L2/L3 technical support for the MeduHub healthcare platform, ensuring system uptime and resolving escalated issues.

- Performed automation of routine processes to improve efficiency and reduce manual workload.

- Maintained and enhanced existing MeduHub applications, fixing bugs and optimizing performance.

- Collaborated with developers to design, test, and implement system improvements based on client feedback.

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

- Built APIs and scalable systems using .NET Core, Flask, and Django.

- Developed offline/online sync applications with PouchDB/CouchDB.

- Contributed to mobile applications built with React Native.

- Maintained production systems and resolved user-reported bugs.

- Assisted in automating deployment workflows using Jenkins.

Intern – Affam Limited
📅 *Sept 2024 – May 2025*

- Developed RESTful APIs using .NET Core, Flask, and Django.

- Built responsive front-end interfaces with React, Next.js, and Laravel.

- Assisted in developing a Retrieval-Augmented Generation (RAG) app using Ollama (Llama2, Phi).

Part-Time Volunteer Software Developer – Almi Group Limited
📅 *Aug 2024 – Present*

- Built an appointment booking platform using TypeScript, Next.js, Flask, and SQLAlchemy.

- Designed optimized database schemas with Prisma, TypeORM, and SQLAlchemy.

- Implemented modern UI styling with Tailwind CSS and Bootstrap.

- Wrote automation tests with PyTest and deployed applications via Vercel.

Attachee – Affam Limited
📅 *May 2024 – Aug 2024*

- Developed APIs with .NET Core, Flask, and Django.

- Built responsive UIs using React, Next.js, and Laravel.

- Debugged and optimized database queries with PostgreSQL and MySQL.

Education

Murang'a University of Technology (2021 – 2025)
Bachelor of Science in Information Technology – Second Class Honours (Upper Division)

Relevant Coursework: Web Development, Database Management, Software Engineering, Machine Learning, Artificial Intelligence

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Certifications & Training

- **Full-Stack Software Development Demo Session Certification** – Edureka (2024)

Projects & Achievements

- **MeduHub Platform:** Built a healthcare services management system using Django (backend) and React (frontend), enabling patient registration, service tracking, and real-time reporting.

- **E-Learning Platform:** Designed and developed a course management platform with Django & React for interactive learning.

- **RAG Application:** Created a retrieval-augmented generation app for customer support using LLMs (Ollama + HuggingFace).

- **Device Tracking Mobile App:** Developed a real-time device tracking system with React Native.

- **Appointment & Emergency Response System:** Built a full-stack booking system using Next.js, Node.js, Prisma, and MySQL, deployed via Vercel.

- **Real-Time Chat Application:** Developed a WebSocket-based chat app using Next.js, Flask, and MySQL with automated build and deployment pipelines in Jenkins.

- **Authentication & Authorization APIs:** Built secure APIs with .NET Core, Identity Framework, DTOs, and MySQL/PostgreSQL.

More projects available on GitHub: github.com/Antoh3

Additional Information

- **Languages:** English

- **Interests:** Open-source contributions, AI development, Machine Learning, Cloud Computing, IoT Development

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Referees

- **Rashid Sadiq** | CEO, Affam Limited | ✉ sadiiqrashid@gmail.com | 📞 +254 712 212717
- **Ronald Mutia** | Software Engineer, Affam Limited | ✉ mutiaronald138@gmail.com | 📞 +254 790 021016