

BRIAN KIMATHI

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Professional Summary

Versatile Software Developer with expertise in building scalable, high-performance applications using Flutter, Python, and Go. Proficient in designing RESTful APIs, containerized microservices with Docker, and delivering robust cross-platform mobile and web solutions. Adept at optimizing performance, streamlining development, and driving innovation.

Technical Skills

- Programming Languages: Python, Node.js, JavaScript, Dart, Golang
- Frameworks & Libraries: Flutter, Express.js, Flask, RESTful APIs
- DevOps & CI/CD: Git, GitHub, Docker, Jenkins, CI/CD Pipelines
- Databases: MySQL, MongoDB, PostgreSQL
- Cloud & Hosting: AWS, Heroku, Firebase, Railway, Azure
- Soft Skills: Problem-solving, Attention to Detail, Teamwork, Communication, Project Management

Certifications

ALX Software Engineering Certificate – Completed 12-month intensive software engineering course (July 2024)

Education

Bachelor of Science in Information Technology
Kabarak University, Nakuru, Kenya

Key Projects

Hospital Prescription Management System API

Developed a RESTful API using Flask and MySQL to streamline communication between doctors and pharmacies.

MomHive

Built a community-driven platform for mothers using Flask, MySQL, Redis, and Flask-SocketIO.

Volunteering & Coaching

- *Volunteer Design Tutor at SHECODE (Sep 2022 – Jan 2023)*: Tutored participants in UI/UX design using Figma.
- *Student Design Coach at Kabarak University GDSC Android Club (Oct 2023 – Nov 2024)*: Mentored students in UI/UX design and design thinking.
- *Student Tutor at ALX (Oct 2024 – Nov 2024)*: Assisted students in debugging and preparing for final projects, enhancing leadership and coding skills.