

SAKIBU MUMUNI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Motivated software engineering student with hands-on experience building RESTful APIs and backend services using Python, Flask, and MongoDB. Skilled in database schema design, API architecture, and writing clean, maintainable code. Proven ability to deliver winning solutions under pressure, including first place in a business case challenge and second place in a hackathon. Currently expanding into PostgreSQL, Docker, AWS, and CI/CD through project-based learning. Seeking internship or entry-level opportunities to contribute to a backend engineering team and grow in a collaborative, production-focused environment.

EDUCATION

Bachelor of Science, Mathematical Sciences

University of Ghana

Jan 2026 – Present

Accra, Ghana

- Major: Computer Science and Mathematics

ALX Africa Pathway Program

African Leadership Academy

Sep 2025 – Present

TECHNICAL SKILLS

Languages & Frameworks: Python, Flask, JavaScript (Vanilla JS), HTML, CSS

Databases & Cloud: MongoDB Atlas, PostgreSQL (learning), AWS (learning)

Tools & Platforms: Git, GitHub, Figma, Miro, Render, Docker (learning), CI/CD (learning)

APIs & Integrations: RESTful API design, Claude API

Productivity: Microsoft 365, Google Workspace, Clipchamp, Canva

EXPERIENCE

Project Lead

Sep 2025 – Dec 2025

ALX Africa Pathway Program

- Led a team of six through close collaboration on a mobile app development project
- Designed wireframes and user flows using Figma and Miro
- Created and delivered a pitch deck using Canva and edited the pitch video using Clipchamp
- Built no-code websites using Google Sites and Wix
- Served as data analyst, collecting and cleaning project data using Excel

Mathematics and Statistics Tutor

Nov 2024 – Sep 2025

Prestige College

Accra, Ghana

- Enhanced student comprehension through interactive teaching methods
- Conducted continuous assessments to ensure mastery of key concepts
- Managed multiple students simultaneously while maintaining high-quality instruction

PROJECTS & COMPETITIONS

Winner — GETA Solutions x UGSRG x DataBloom Africa Business Case Challenge (Feb 2026)

- Collaborated with a previously unknown team member to solve a real-world IIoT data integration problem for Daikibo Industrials, a global heavy machinery manufacturer headquartered in Tokyo, Japan
- Built a unified telemetry data pipeline in Python and developed a comprehensive software development proposal within 150 minutes

- Proposed a real-time machine monitoring dashboard featuring live sync, automated alerting, and interactive map-based visualization

2nd Place — Claude Builder Club Hackathon, University of Ghana *(Mar 2026)*

- Built SafeSpace UG, a mobile-first anonymous mental health web app for university students, in a 4-hour hackathon
- Developed an AI-powered distress flagging engine using Claude Haiku 4.5, capable of detecting mental health signals across English, Ghanaian Pidgin, and Twi
- Implemented daily mood check-ins, anonymous peer support groups, counsellor chat, and automated alerts to the university Counselling Directorate
- Built with Flask, MongoDB Atlas, Claude API, and Vanilla JS; deployed live on Render
- Designed a privacy-first architecture requiring no signup, email, or personal identification

CERTIFICATIONS

- Deloitte Australia Technology Job Simulation on Forage – February 2026

ADDITIONAL INFORMATION

Languages: English (Fluent)

Nationality: Ghanaian