

AMINA MOHAMED GAANI

Software Engineering | Cloud Engineering | AWS & Linux

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PROFESSIONAL PROFILE

2025 - 2026

Software Engineering student with hands-on AWS EC2, Ubuntu Linux, Git/GitHub, networking, databases, and full-stack development. Seeking cloud, DevOps, and software opportunities.

EDUCATION**BSc Software Engineering**

United States International University-Africa (USIU-Africa)

2023-2027

CORE SKILLS**Cloud & Infrastructure**

AWS EC2, Ubuntu Linux, basic server deployment

Programming

Python, C++, JavaScript, SQL, HTML, CSS

Problem solving, communication, teamwork, leadership, adaptability, Time management

PROFESSIONAL EXPERIENCE**Web Development Volunteer**

2026 -Present

Yelosa Foundation Uganda

- Leading development of the Foundation website and its programme, volunteer, impact, contact, and donation features.
- Supporting payment research, deployment, security, ownership, and handover planning.

Digital Literacy & Technology Volunteer

Angaza Center

- Taught practical digital skills covering computer fundamentals, Google applications, coding, cybersecurity, and responsible AI.

2026

ICT Intern

Nairobi South Hospital

Nairobi South Hospital

- Provided technical support for computers, operating systems, printers, networking, and the hospital information system.

PROJECTS**Trivia Masters Real-Time Multiplayer Web Application**

- Built a real-time multiplayer trivia platform using React, Node.js, Express, Socket.io, and SQLite.

Kakuma Refugee Kiosk

- Developed a multilingual platform connecting refugee communities with local resources and services.

FlowTrack | Flood & Drainage Issue Reporting Platform

- Built a Django /Python and PostgreSQL platform for reporting and tracking flood and drainage issues, with dashboards for monitoring report status, risks, and maintenance.