

Amina Yusuf

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● Profile

Computer science graduate focused on accessible web products and applied machine learning. Combines strong software fundamentals with internship experience, community leadership, and project work grounded in real user needs.

● Education

B.Sc. in Computer Science

University of Nairobi · Nairobi

2026

- First Class Honours · Dean's List 2023–2026 · Capstone selected for the Faculty Innovation Showcase

● Projects

Sauti Study

Capstone team lead

2025–2026

- Built an offline-first study companion for low-bandwidth schools using React, TypeScript, and IndexedDB
- Ran usability sessions with 42 students and improved task completion from 61% to 89%

CropCare Lite

Machine learning project

2025

- Trained and evaluated a mobile crop-disease classifier across 18,000 labeled images
- Reduced the model to 14 MB while retaining 91% validation accuracy on held-out farms

● Experience

Software Engineering Intern

Open Civic Labs Ltd. · Nairobi

May 2025 – August 2025

- Shipped accessible form components used by three public-service portals
- Added automated accessibility checks that prevented 23 regressions before release

● Leadership

Student Lead

Women in Computing Nairobi

2024 – 2026

- Coordinated monthly workshops for 120 members and a mentorship program with 36 active pairs

● Skills

TypeScript · React · Python · PostgreSQL · Git · Testing · Accessibility · English · Swahili