

Profile

Natalie Awinja Nambande Keli

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[My Github Profile](#)

[My linkedin profile](#)

— Career Objective

Future AI/ML Engineer developing full-stack expertise as a strategic foundation. Currently pursuing Computer Science while building practical experience with Python, data analysis, and modern web technologies. Seeking development roles that provide the technical groundwork for transitioning into machine learning and data science positions.

— Education

Bachelor of Science in Computer Science

Multimedia University of Kenya

Expected Graduation: 2028

Relevant Coursework: Data structures & Algorithms,
Software Engineering, Programming Fundamentals,
Discrete Mathematics

Full Stack Development Program

Power Learn Project

Completed: November 2025

Technologies: MERN Stack, Python, Javascript, MySQL,
Git & Github

Project-based curriculum with industry mentorship

Python for Data Science

Alison.com

Currently enrolled

Online certification course (In progress)

Kenya Certificate of Secondary Education

Maryhill Girls' High School – Thika.

Year Completed: April 2022

Mean Grade: A- (minus)

Excelled in Mathematics and Sciences

Kenya Certificate of Primary Education

Playway Education Centre

Year Completed: Nov. 2017

Marks: 408/500

Strong academic foundation with outstanding performance

Skills

Technical Skills

- **Languages:** C, C++, Python, JavaScript, SQL
- **Databases:** MySQL, MongoDB
- **Web Technologies:** HTML5, CSS, MERN Stack
- **Version Control:** Git, GitHub

Soft Skills

- Time management
- Communication
- Quick learner
- Attention to detail
- Team work

Work Experience

1. **Rapporteur**

Staff and Partners' Training Workshop on Organizational Gender Transformative Approach and Unpacking Barriers

to Girls' Education in Marginalized Communities in Kenya by Grassroots Nest for Innovations and Change (GRiC)

Dates: 10 th to 13th June 2025

- Took detailed notes and summarized key discussions from training sessions.
- Delivered clear and well-structured reports highlighting key insights.
- Practiced professional communication and time management
- Facilitated recap sessions to reinforce previous day's lessons and promote engagement.

Projects

CommunityWatch – Full-Stack Community Platform

[Click Here](#)

A zone-based issue tracking system addressing SDG #11 (Sustainable cities) through technology. Built with MERN Stack, featuring interactive maps, anonymous reporting and admin dashboard for real-time community issue resolution.

Agroaid – AI Powered Land Guardian [Click Here](#)

Developed an AI driven Platform that uses satellite data and predictive analysis to detect land degradation risks. Built a real time monitoring dashboard with colour coded risk maps using leaflet.js and React, implemented RESTful API's with Node.js/Express and a Python AI engine for risk assesment. This project was done as part of a Land ReGen Hackathon.

Awinja Education Centre – School Management System [Click Here](#)

Full-stack School Management System built with React, Node.js, MongoDB. Features student management, fee tracking, teacher management, and financial reporting. Deployed on Vercel and Render. Future upgrades and enhancements are in place.

Personal Portfolio Website (Live website on Github)

[Click Here](#)

Designed and built a responsive personal portfolio using HTML, CSS and JavaScript. Includes projects, contact form, and downloadable CV.

Certifications

- ✓ Kenya Certificate of secondary Education (K.C.S.E) – April 2022 – Available upon request
- ✓ Power Learn Project (PLP) – Available upon request
- ✓ Bachelor of Science in Computer Science: Multimedia University of Kenya (In Progress)

Referees

Available upon request