

# Hope Mwangi

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## EDUCATION

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### Kabarak University

*Bachelor of Science in Computer Science*

Nakuru, Kenya

2022-2025

### Karoti Girls High School

*A-level subjects –Mathematics- A, Kiswahili –A, Business-A*

Kirinyaga, Kenya

Jan 2018-March 2022

- KCSE Score of B+

## RELEVANT WORK EXPERIENCE

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### Data Analyst Attachee, Kenya National Bureau of Statistics, Nairobi

Jan 2026-March 2026

- Analyzing and processing statistical data to support national surveys and census operations using Python (Pandas, NumPy) and SQL
- Cleaning and validating large government datasets to ensure data accuracy and integrity for official statistical reports
- Creating data visualizations and dashboards using Power BI to present key insights to stakeholders

### Data Analyst Intern, Lish AI, Nakuru

Sept 2024 – December 2024

- During my internship at Lish AI, I cleaned, transformed, and analyzed large datasets using Python (Pandas, NumPy) and SQL to extract actionable insights.
- Built interactive visualizations with Matplotlib, Seaborn, and Power BI/Tableau to clearly communicate findings to the team.

### Google Health IT Hackathon

March 2024-May 2024

- Participated in the Google Health IT Hackathon, where I collaborated with a team to develop Mchanjo, a mobile application built with Kotlin for clinical officers. The app enables efficient management of patient vaccinations by allowing users to record patient data, track vaccine schedules, and generate reports—streamlining immunization processes in clinical settings.

### Co-Lead , Google Developer Student Clubs (GDSC)

August 2023-July 2024

#### Kabarak University

- Collaborated closely with the Lead to manage partnerships, organize tech events, workshops and hackathons to enhance member learning and networking.
- Recruited over 170 members to the club through targeted promotional campaigns and outreach

### Lead, Google Developer Groups (GDG) On Campus

August 2024-Present

#### Kabarak University

- Spearheading the development of a dynamic campus developer community focused on innovation and collaboration.
- Organized 7 technical workshops, 4 speaker sessions, and 3 community meetups to boost member participation. Successfully recruiting over 250 new members
- Coordinated 4 successful partnerships with external organizations: Pixel, The Cube, The Bridge and Lish AI to provide resources and opportunities for members.

**Ex-Officio , School of Science ,Engineering and Technology  
Kabarak University**

*March 2025-Present*

- I Serve as a formal representative and advisor within the student leadership council, providing insights on behalf of student bodies
- Participate in strategic meetings and decision-making processes impacting academic policies and student welfare.
- Collaborate with student leaders and faculty to develop and implement initiatives that promote academic excellence and inclusive campus culture

## **SKILLS, ACTIVITIES & INTERESTS**

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**Languages:** Fluent in English and Kiswahili; Conversational Proficiency in both.

**Technical Skills:** **Frontend** –React.js, Tailwind CSS, JavaScript

**Backend** – Django, node.js

**Data Science** - Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook.

**Certifications & Training:** Python Course from Cisco Academy

*May 2024-July 2024*

Web development from PLP Academy

*Jan 2024-March 2024*

Django Course from Emobilis Institute

*August 2023-Dec 2023*

### **Activities:**

- Participated in the last 2 DSA (Data Science Africa) conference in Rwanda and Kenya and gained a certificate of participation.
- Volunteer in tech communities such as IEEE and Microsoft Student Learn where I help in event planning and community engagement.
- Volunteer as a Social media manager for GDG Nairobi .

### **Interests:**

Deeply passionate about community building and mentorship within the tech ecosystem. I enjoy content creation and social media work, which fuel my creativity and storytelling.