

CURRICULUM VITAE

Name: MICHAEL MWANGI
Profession: Website Developer

Personal Statement

A passionate and results-driven IT professional specializing in database systems, software development, and data-driven solutions. With a solid foundation in programming, algorithm design, and system optimization, I excel in crafting innovative solutions to complex problems. Experienced in SQL, Java, Python, and cloud technologies, I am committed to leveraging technology to enhance efficiency and scalability in various domains.

Achievement

- Conducted free coding sessions for high school students in underserved communities.
 - Successfully collaborated with a team of 5 to develop a school management system project
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Education

Bachelors Information Technology
2023-2026

Mount Kenya University, Thika, Kiambu

Expected Graduation: April 2026

Relevant coursework: Software Engineering, Artificial Intelligence, Web Development, Cyber Security and Database Systems.

Projects

- Music player system

2019-2022

MAGUMU BOYS HIGHSCHOOL, NYANDARUA

Kenya Certificate of Secondary education.

2015-2018

JOLLY HOPE ACADEMY, NYANDARUA

Kenya Certificate of Primary school.

Skills

Technical Skills

- Programming Languages: Proficient in Java, C++, HTML/CSS, JavaScript.
- Cybersecurity: Knowledge of encryption, firewalls, penetration testing, and ethical hacking.
 - Machine Learning & AI: Basic understanding of algorithms.
- Database Management: Familiar with SQL, MySQL, MongoDB.

Soft Skills

- Problem-Solving: Logical thinking and ability to debug and optimize code.
 - Communication: Ability to explain technical concepts clearly to non-technical audiences.
 - Team Collaboration: Experience working in group projects.
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Experience

Academic Experiences

- Completing a major project as part of your coursework, like creating a web application or developing a machine learning model.
- Collaborating on team assignments, such as developing a system or analyzing large datasets.
- Gaining hands-on experience through labs, coding assignments, or technical exercises.

Internship Experiences

Web Development Internship-worked with *PEGRI* and developed their web page using Django a python framework.

Extracurricular Activities

Contributing to open-source projects on platforms like GitHub.

Certification

Bachelor's Degree in progress

Kenya certificate of secondary education-available

Kenya certificate of primary education-available

Projects

- **Shoe store**

It is an e-commerce website built with CSS HTML and JAVASCRIPT which help to sell shoes online.

- **Ai chat bot**

It's a voice recognition Chabot which listens to user's voice and determines the output, I created the Chabot using Python.

(all this projects are available on my GitHub page)

Hobbies and interests

Interests

Enjoy solving coding challenges and creating efficient algorithms.

Keen on learning about ethical hacking and securing systems.

Exploring AI techniques and their real-world applications.

Interested in analyzing datasets to uncover insights and patterns.

Hobbies

I enjoy swimming, listening to music, reading motivational books, writing codes and spending time with friends and family.

Contacts

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GitHub:

References

Available upon request

