

# Maureen Kambua

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## CAREER OBJECTIVE

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To utilize my abilities and gifts to work to the highest potential with passion and skill utilizing the skills I have acquired to perform excellently with a good work ethic, acceptable and usable in an organization with utmost dignity in service to God and mankind.

## PROFESSIONAL SUMMARY

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Passionate and results-driven software developer with expertise in React, Django, and FastAPI. Experienced in designing and implementing IoT-integrated solutions, including an RFID-based attendance system for real-time tracking. Enthusiastic about cybersecurity and the evolving world of IoT, with a strong ability to develop dynamic dashboards, API integrations, and database management systems. Motivated by innovation and problem-solving, I thrive in collaborative environments, leveraging my technical skills to create impactful and efficient solutions.

## VISION

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To ensure integrity, faithfulness, accountability, and honesty in line of service

## SKILLS

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|-------------------------------|-------------------------------------|
| ● Database management (MySQL) | React.js development                |
| ● HTML and CSS proficiency    | Back-end frameworks (Python-Django) |
| ● Teamwork and collaboration  | Version control (Git)               |

## EXPERIENCES

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Software Development Intern|Alphanex Softwares Limited

**Nairobi, Kenya |**

**May 2024 - Aug 2024**

- Assisted in POS system development, focusing on records addition and database management.
- Developed React-based dashboards and integrated Python (FastAPI) backend with MySQL databases.
- Worked with API development, authentication (JWT), and frontend styling (SCSS, Material UI).

## EDUCATION

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**CHUKA UNIVERSITY**

**Bachelor of Science (Computer Science)**

**Nairobi, Kenya**

Expected graduation November 2025

**Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Software Engineering, Computer Networks, Object-Oriented Programming and, Database Systems

### **St Anne's Muthale Girls (Feb 2017 - 2021 April)**

- Kenya Certificate of Secondary Education (K.C.S.E)
- Attained B+ plain [67 Points]

### **Kyandula Primary School (Feb 2009 - 2016 Nov)**

- Kenya Certificate of Primary Education (K.C.P.E)
- Attained 360 Marks [B+]

## **RESPONSIBILITIES**

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- Member of She Code Africa, Chuka Chapter
- Mentee Alumni, DadaStem
- Class Prefect Muthale Girl's Secondary School
- Head Prefect Kyandula Primary School

## **PARTICIPATIONS**

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- Brookside Mathlete National Mathematics Contest (3<sup>rd</sup> June 2017
- 17th June 2018 &
- 7th May 2019)

## **PROJECTS**

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### **RFID-Based Smart Attendance System**

- Used: Django, MySQL, Arduino Uno, RFID Scanner, Python
- Description: Developed a real-time RFID attendance system with student, lecturer, and admin dashboards. Integrated with Android app for attendance viewing and reporting.
- Outcome: Automated attendance marking, increased accuracy and reduced time

wastage in classrooms.

## CERTIFICATIONS

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- Cisco, Introduction to CyberSecurity
- Great Learning, UI/UX

## REFERENCES

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References available upon request