

Elizabeth Muthoni

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SUMMARY

Dedicated Computer Science student at Dedan Kimathi University of Technology, proficient in HTML, CSS, Java and Python. Strong foundation in software development, networking, object-oriented programming, knowledge base systems, and database systems. Passionate about expanding technical skills and contributing to innovative projects that enhance technological advancements.

EDUCATION

Dedan Kimathi University of Technology

Bachelor of Science in Computer Science

September 2022 – December 2025

Loreto Girls High School Limuru

January 2018 – April 2022

Stepping Stones Preparatory

2006 – November 2017

SKILLS

- Proficient in HTML, CSS, Java and Python
- Networking skills
- Cybersecurity
- Strong teamwork
- Communication
- API development
- Problem-solving skills
- Leadership skills

CERTIFICATIONS

Relevant Coursework

Dedan Kimathi University of Technology

September 2022 – Present

- Completed courses in Object-Oriented Programming, Networking, Web Development, Database Management, and Data structures and Algorithms.

Self-paced learning

- CCNA Networking Certification.
- Proficient in HTML, CSS, Java, MySQL,Django,python.
- Completed a Python-Django course
- Portswigger Web security certification.
- Completed a course on basics of Linux in CyberTalents.
- Postman API Fundamentals Student Expert certification.
- Software development in Power Learn Project Academy(in progress)

PROJECTS

Dedan Kimathi University of Technology

Hostel Booking System Project

Student Project Lead

Tasks:

- Acted as a liaison between team members to ensure project timelines and milestones were met effectively.
- Designed and implemented user-friendly interfaces using HTML, CSS, and JavaScript, focusing on accessibility and responsiveness.
- Developed and optimized interactive functionalities with JavaScript, enhancing user engagement and system performance.

Achievements:

- Created a functional website for first-year student admissions and gained experience in team collaboration.

Employee Management System Project (Boot camp)

Team lead

Tasks:

- Led a team in developing the system.
- Built website interfaces.
- Ensured the project adhered to the timeline.
- Developed an interactive and user-friendly website with JavaScript functionalities.

Achievements:

- Delivered a user-friendly and interactive system within the stipulated time.

WasafiRet System Project(Janja Program)

Team member

Tasks:

- Created WasafiRet System, a comprehensive e-commerce platform using Django, implementing features such as product listing, cart functionality, review functionality, flash sale functionality and payment processing.

Achievements

Presented a working website to the supervisor and able to collaborate with team members via GitHub.

Blog Website

Tasks:

- Built a fully functional blog website with Django, integrating frontend tools (HTML, CSS) and backend functionalities to support content creation and management

PROFESSIONAL AFFILIATIONS

Responsible Ethical and Computing Club

Secretary General

March 2024 – Present

1. Document meeting minutes and participate in discussions on ethical computing practices.
2. Contribute to initiatives and projects that promote ethical standards in technology.

Dedan Kimathi University of Technology Blessed Irene Stefani Catholic Chaplaincy

Vice General Organizing Secretary

November 2023-December 2024

- Organized events and facilitated communication for successful implementations.

LANGUAGES

English - fluent

Swahili - fluent