

Jane Muthoni

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Email: muthoni4928@gmail.com

Phone: 0796233747

Education

Dedan Kimathi University of Technology

Bachelor of Computer Information Systems, Computer Science BSc

2021 – 2024

- Recently completed my computer science degree and awaiting graduation by the end of the year [2024]
- Relevant Coursework: Software Engineering, Database Management, Network Security, Machine Learning, Web Development

St Annes Secondary-Lioki

2017 – 2021

- KCSE Certification:A-
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Technical Skills

- Programming Languages: Java, Python, C++, HTML/CSS, JavaScript
 - Software Development: Android Development, Web Development, Database Design
 - Data Analysis: Data Visualization, Machine Learning
 - Network Security: Network Configuration, Security Protocols Tools: Git, SQL, TensorFlow, Adobe Photoshop
 - Backend Development: RESTful API development, Database Design, Optimization for Performance and Scalability
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Professional Experience

Project Member, University Web Development Team

September 2022 – Present

- Collaborated on the redesign of the university's website by trying to implement an online voting system.
- Developed RESTful APIs for seamless integration between frontend and backend systems.

- Implemented responsive design techniques to improve user experience. Managed website updates and maintenance.

Volunteer, Community Tech Workshops January

2022 – December 2022

- Conducted coding and programming workshops for high school students.
 - Mentored participants on basic software development and web design.
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Projects

Online Voting Website

- Designed and developed a personal website to allow easier and remote voting in school.
- Integrated a blog section to share insights and tutorials on programming.
- Developed RESTful APIs and optimized backend performance.

Smart Attendance System

Developed an Android application to streamline attendance tracking using QR codes. Implemented real-time database synchronization using Firebase.

Planet savers android application for environment conservation.

- Developed an Android application to Sell or buy recyclable waste and dispose hazardous waste.
 - Used java language for design and implemented real-time database synchronization using Firebase.
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Certifications

- **Data science certificate (2023)**
 - **ADA(anti-drugs association) certificate (2022)**
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Extracurricular Activities

Member, University Data science Club

- Participated in hackathons and coding competitions.
- Organized coding bootcamps and peer-to-peer learning sessions.

Volunteer, Environmental Conservation Group

- Engaged in tree planting and clean-up drives.
 - Promoted awareness about environmental sustainability in the community.
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Hobbies

- Programming and Coding
 - Bike Riding
 - Reading Tech Blogs and Journals
 - Participating in Hackathons
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References

Available upon request.