**SCHOOL:** DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

**NAME:** JANE MUTHONI NDUNG’U

**REGISTERATION NUMBER:** C026-01-1012/2021

**DEPARTMENT:** COMPUTER SCIENCE AND IT

**COURSE:** BSC COMPUTER SCIENCE

**TITLE**: IGS CAPSTONE PROJECT

**QUESTION 1**

An up-to-date resume in Kiswahili, English, and one indigenous African language.

**ENGLISH**

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| **Jane Muthoni**  1000  Email: muthoni4928@gmail.com  Phone: 0796233747  **Education**  **Dedan Kimathi University of Technology**  *Bachelor of Computer Information Systems, Computer Science BSc*  2021 – 2024  •Currently in my final year  •Relevant Coursework: Software Engineering, Database Management, Network  Security, Machine Learning, Web Development  **St Annes Secondary-Lioki**  2017 – 2021  •KCSE Certification:A-  **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  **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.  •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.  **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.  **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.  **Certifications**  •Data science certificate (2023)  •ADA( anti-drugs association) certificate (2022)  **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.  **Hobbies**  •Programming and Coding  •Bike Riding  •Reading Tech Blogs and Journals  •Participating in Hackathons  **References**  Available upon request. |