

## **Personal Information**

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Address: Mombasa, Kenya

## **Career Objective**

A highly motivated and detail-oriented Information Technology professional with strong academic training and hands-on experience in software development, networking, data analysis, and system security. Passionate about leveraging technology to solve real-world challenges, enhance organizational efficiency, and develop innovative IT solutions. Seeking opportunities to contribute technical expertise and grow within a dynamic organization.

## **Education**

Bachelor of Science in Information Technology- Dedan Kimathi University of Technology ( 4 years)

1. Gained comprehensive knowledge in software engineering, database systems, computer networks, cybersecurity, and artificial intelligence.
2. Worked on multiple academic projects including authentication systems, data-driven models, and plagiarism detection systems.

High School certificate- Kerugoya Boys High School ( 4 years)

1. Achieved excellent performance in sciences and mathematics.
2. Developed early leadership and teamwork skills through participation in school clubs and sports.

Primary education- Mary joy kindergarten and primary (8 years)

1. Built a strong academic foundation in numeracy, literacy, and problem-solving.
2. Engaged in extracurricular activities including debate, sports, and music.

## **Work Experience**

Attachee ( Kenya Power and Lighting Company) 3 months

1. Collaborated with IT teams to improve data security and system performance through audits and optimization.
2. Designed and tested frontend systems for authentication to strengthen user access management.

3. Assisted in diagnosing and fixing hardware and software issues, ensuring minimal downtime.
4. Participated in field work involving user migration to upgraded networks, improving connectivity.
5. Gained exposure to and supported management of the SCADA system, enhancing my understanding of cybersecurity interfaces used in critical infrastructure.
6. Developed practical skills in teamwork, problem-solving, and communication while working in a fast-paced environment.

## **Skills**

1. **Programming:** Proficient in Java, Python, C, C#, and HTML.
2. **Web Development:** Frontend and backend development, including authentication systems and database integration.
3. **Data Analysis:** Data cleaning, visualization, and model development for decision-making.
4. **Networking & Security:** Familiar with SCADA systems, data protection, and user access controls.

## **Achievements**

1. **Plagiarism Detection System:** Successfully developed and deployed an advanced system for DeKUT, integrating NLP techniques to detect both exact matches and paraphrased content.
2. **Student Dropout Prediction Model:** Led a project that utilized machine learning models to predict student dropout based on multiple variables, contributing to educational insights and institutional planning.
3. **Network Migration Support:** Actively participated in migrating multiple users to new networks at Kenya Power, improving performance and reliability.

## **Referees**

Eng. Albert Kadala

Phone: 0721678119

Position: Senior Engineer, Kenya Power and Lighting Company