# Seghete Kenio Mmare

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## Objective

Motivated and detail-oriented IT graduate with a Bachelor of Science in Information Technology and recent certification in AI Career Essentials and basics skills in ArcGIS. Seeking an internship or entry-level role in IT support, networking, or systems administration to apply academic knowledge and hands-on experience in a professional environment.

## Education

Bachelor of Science in Information Technology  
Taita Taveta University

Diploma in Information Technology  
Taita Taveta University

Certificate in Information Technology  
Taita Taveta University

International Computer Driving License (ICDL)  
Thika Institute of Business Studies

Secondary School Education

Lulu Boys High School

Primary School Education

Leisure primary school

## Certifications

AI Career Essentials (AI Augmented Professional Development Skills)  
ALX Africa — May 2024 to August 2024

Basis of ArcGIS

ESRI- JANUARY – NOVEMBER 2024

## Technical Skills

- Networking: TCP/IP, LAN/WAN, DNS, DHCP  
- Operating Systems: Windows  
- Programming & Web Development: Python, HTML, CSS  
- Databases: MySQL  
- ERP Systems: Troubleshooting, user support  
- Software Tools: Microsoft Office Suite  
- Soft Skills: Troubleshooting, problem-solving, time management, teamwork, adaptability

- Basic ArcGIS

## Professional Experience

**IT Attaché**   
Kenya Ports Authority — May 2024 – August 2024  
- Provided technical support by troubleshooting and resolving ERP system issues for staff, ensuring smooth business operations.  
- Installed, configured, and maintained hardware devices (computers, printers, network equipment).  
- Assisted in network infrastructure deployment including cabling, switch/router configurations, and troubleshooting.  
- Managed user access controls, ensuring proper authentication and security compliance.  
- Conducted hardware audits and IT stock checks to manage asset inventory.  
- Performed device management including updates, maintenance, and tracking.  
- Documented technical processes and trained staff on system usage.  
Gained practical experience in enterprise IT support in a fast-paced environment.

## Projects

**E-commerce Web Application**  
- Developed user authentication, product management, and a shopping cart system.  
- Utilized MySQL for data storage and retrieval.

**Small Business Network Configuration**  
- Designed and implemented a local network infrastructure.  
- Configured routers, switches, and firewalls.  
- Documented network layout and trained staff on basic operations.

**Facial Recognition System**

Developed a real-time facial recognition system that enhances security by using encrypted, one-time-use biometric templates instead of static ones. Features include LBPH-based recognition, Fernet encryption, FAR/FRR metrics tracking, and a Gradio-based UI. Designed for secure access control and scalable integration in high-security environments.

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**Skills**:

Systems Design

· Computer Vision

· Cybersecurity

· Cryptography

## Languages

English – Fluent  
Swahili – Native

## References

1. Grace Mwaura

Chairperson School of Informatics and computing

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