

SAMUEL KIMWELE MBAI

B.Sc IT, AWS Certified

Cybersecurity | IT Support | System Administrator | Network Security

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Professional Profile

I am an IT graduate with a Bachelor of Science in Information Technology from the University of Eldoret, specializing in Cybersecurity and IT support. I hold industry-recognized certifications including AWS Cloud Practitioner, CCNA 1, Junior Cybersecurity (Cisco Networking Academy), and Google IT Support, and I am currently pursuing the Google Cybersecurity Certification (expected June 2025).

With a strong passion for Security Operations, I am driven to monitor, investigate, and mitigate cyber threats to strengthen digital defenses. Through my involvement in the Cybershujaa program, I am gaining hands-on experience in threat intelligence, incident response, and security monitoring.

I am currently seeking entry-level opportunities in cybersecurity and IT support, where I can apply my skills, grow professionally, and contribute to securing modern IT environments.

Career Summary/Experience

Part-time : *“January 2023 – May 2024 ICT Service Manager – GC ICT Hub and Computer Training Centre, Eldoret, Kenya.”*

Duties and Responsibilities;

- Enhanced system security and user productivity by implementing operating system installations (Windows, and Linux) across desktop and laptop environments, addressing vulnerabilities that could compromise data integrity.
- Equipped students with essential cybersecurity skills through hands-on training sessions in computer packages, effectively addressing the gap in practical knowledge and fostering a culture of security awareness.
- Strengthened data protection by managing network security protocols and setting up secure Wi-Fi networks, effectively mitigating unauthorized access and reducing the risk of denial-of-service attacks.
- Ensured compliance with data protection regulations by overseeing user account management and providing secure email services, enhancing access controls and protecting sensitive information.
- Safeguarded personal information while facilitating online services, including KRA and HELB applications thus minimizing security risks associated with sensitive data handling.
- Updated software regularly to ensure that vulnerabilities are eliminated and ensured security features are enabled.
- Backed up data regularly and ensured that the back up data was stored in external storage securely.

“May 2023 – July 2023 ICT Attaché – Kitui County Government, Kitui, Kenya.”

Duties and Responsibilities;

- Managed computer hardware and software, ensuring optimal performance and security by implementing regular updates and security patches to mitigate vulnerabilities.
- Conducted troubleshooting for computers and printers, resolving technical issues that reduced downtime and enhanced productivity across departments.
- Implemented networking and network security measures, including secure Wi-Fi setups, to protect sensitive data and minimize the risk of unauthorized access.
- Provided front office management and customer care, establishing a secure service desk to address client inquiries while safeguarding personal information.
- Installed desktop and laptop operating systems (Windows, Microsoft Office Suite, and Linux), ensuring secure configurations to protect against potential threats.
- Offered IT support and troubleshooting services across various departments within the Ministry of Roads, Public works and Transport.

Professional Development and Certification

2024 – **Amazon Web services:** AWS Cloud Practitioner

2024 - CCNA 1 (Cisco Networking Academy)

2024 - Junior Cybersecurity Certification (Cisco Networking Academy)

2025 - Google IT Support Certification

2025 - Google Cybersecurity Certification – In Progress (Expected Completion: March 2025)

Relevant Short Courses

COURSE:

Web Development

INSTITUTION

Ajira Digital

PERIOD:

MAY 2024 - JUNE 2024

Modules Covered:

- Frontend technologies- JavaScript, HTML, CSS.
- Backend Technologies- Node.js, API Development and Integration, SQL
- Methodologies – Agile, Waterfall, Scrum, DevOps Practices

Education and Qualifications

Bachelor of Science, Information Technology - Second Class Honours(UPPER DIVISION)

University of Eldoret, Faculty of Science

Project:

- Students' Hub Android application(for management of students' associations)

Co-curriculum activities:

- Captain and founder of FC C1 Football club
- Member of University of Eldoret Computer Studies Club (UOECSC)

Skills and competency

- Risk Assessment and Management
- Incident Response and Recovery
- Network Security
- Vulnerability Assessment
- Security Policy Development
- Python, JavaScript, Nodejs, Java
- Amazon Web Services (EC2, VPN, VPS, S3, CloudWatch, Lambda, SNS, Autoscaling, DynamoDB, RDS (Relational Database Service))
- Linux and Windows Operating Systems
- SQL
- Adaptability and Versatility
- Passion for Technology and continuous Learning

References

Mr. Gilbert Cheruiyot ICT Officer,
Bomet County Government.

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Email: cheruiyotgilz@gmail.com

Fredrick K. Mulyugi Senior ICT officer,
Ministry of Roads, Public Works and Transport, Kitui County.

Tel: 0727437551

Email: ghiksfred@gmail.com