

KATIKU MUNYAO

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SUMMARY

Cybersecurity Engineer with 1+ year of hands-on experience through internships and bootcamps. Skilled in secure network design and threat-mitigation strategies. Proven ability to collaborate cross-functionally for scalable solutions. Continuously advancing skills with certifications and projects in emerging technologies. Passionate about enhancing organizational security through adaptive problem-solving and proactive learning.

SKILLS

- **SECURITY & COMPLIANCE:** Security Auditing, Risk Assessment, Threat Intelligence, Vulnerability Management, Incident Response.
- **CYBERSECURITY TOOLS & FRAMEWORKS:** SIEM (Splunk, Wazuh), SOAR (Shuffle), MITRE ATT&CK, OWASP Top 10, ATLAS Framework, ELK stack
- **CLOUD & VIRTUALIZATION:** Microsoft Azure Administration (SC-900, AZ-104 in progress), VirtualBox
- **SCRIPTING & DEVELOPMENT:** Python, Bash, Django, HTML, CSS
- **DATA & MONITORING:** Grafana Dashboards, MySQL, Enterprise Security Monitoring
- **GOVERNANCE & REGULATIONS:** GDPR, HIPAA, Kenya Data Protection Act

EDUCATION

UNIVERSITY OF NAIROBI	Nairobi, Kenya
<i>BSc in Electrical And Electronic Engineering</i>	<i>Graduated 2024</i>
Relevant coursework: Applied Electronics , Control Engineering , Computer science , Digital Electronics	

PROFESSIONAL EXPERIENCE

CYBER SHUJAA PROGRAM	Nairobi , Kenya
<i>Security Engineering Scholarship</i>	<i>April 2025 - Present</i>
<ul style="list-style-type: none">• Developed expertise in cloud security governance, identity management, and compliance within Microsoft Azure environments aligned with security frameworks.• Prepared for Microsoft SC-900 and AZ-104 certifications, focusing on security compliance auditing, risk assessment, and operational security controls.• Collaborated in structured training to strengthen skills in security incident response and service management processes.	

CYBERAGE TECHNOLOGIES	Nairobi , Kenya
<i>Software Engineer- Internship</i>	<i>June 2024 - November 2024</i>
<ul style="list-style-type: none">• Engineered an AI-powered content automation system improving operational efficiency by over 50%, demonstrating process optimization and automation best practices.• Acted as SOC Analyst, conducting real-time threat detection and delivering actionable security reports using Grafana dashboards integrated with Wazuh XDR.• Enhanced cybersecurity readiness by monitoring security events, analyzing vulnerabilities, and contributing to incident documentation and reporting workflows.	

MASTERCARD VIRTUAL EXPERIENCE PROGRAM	Forage
<i>Cybersecurity Intern</i>	<i>July 2024</i>
<ul style="list-style-type: none">• Identified phishing threats and developed targeted cybersecurity awareness training, reducing organizational risk and improving compliance with security policies.• Designed security training modules focused on vulnerability management and incident response aligned with IT service management principles.	

AIG SHIELDS UP:VIRTUAL EXPERIENCE PROGRAM|

Cybersecurity Intern

Forage

July 2024

- Conducted vulnerability research and provided remediation guidance, supporting timely risk mitigation aligned with organizational security standards.
- Developed and tested ethical hacking tools using Python to simulate ransomware attack scenarios, enhancing threat intelligence and operational response capabilities.

HUAWEI CYBERSECURITY BOOTCAMP|

Naivasha , Kenya

Finalist - 2nd place

Aug 2022 - Oct 2022

- Competed in configuring network security devices (routers, firewalls, switches) in simulation labs, improving network resilience and incident response readiness.
- Completed the HCIA-Security Course, gaining an in-depth understanding of network security principles and demonstrating practical expertise through competitive team-based scenarios.

GEARBOX ACADEMY|

Nairobi , Kenya

Engineering Intern

Apr 2022 - Aug 2022

- Designed biometric access control systems improving physical security management by 30%.
- Developed user-friendly configuration interfaces using Django, enhancing system usability and operational efficiency.

TRAININGS AND CERTIFICATIONS

- MICROSOFT SC-900: SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS.
- MICROSOFT AZ-104: AZURE ADMINISTRATOR ASSOCIATE-(*in progress*)
- (ISC)2 CERTIFIED IN CYBERSECURITY
- FORTINET CERTIFIED FUNDAMENTALS CYBERSECURITY
- QUALYS VULNERABILITY MANAGEMENT FOUNDATIONS
- SPLUNK INTRODUCTION TO ENTERPRISE SECURITY
- FOUNDATIONS OF AI SECURITY - *MITRE- AttackIQ Academy*
- FOUNDATIONS OF OPERATIONALIZING MITRE ATT&CK V13 - *MITRE- AttackIQ Academy*
- CIPIT DATA PROTECTION COURSE - *Strathmore University*

PROJECTS

SOC AUTOMATION HOME LAB.

- Developed a home-based SOC automation lab simulating real-world security scenarios; utilized Wazuh (SIEM/XDR), TheHive (case management), and Shuffle (orchestration) to automate incident response and improve threat detection efficiency.

VOLUNTEER EXPERIENCE

THE YOUPRENUERS ORGANISATION|

Nairobi , Kenya

Volunteer - Secretary

Jan 2019 - Present

- Co-founded a community-based youth organization in Nairobi's Umoja neighborhood to empower underserved local youth.
- Established a volunteer-led program that provided career readiness training to 150 recent high school graduates, increasing proficiency in understanding the basics of STEM courses by 30%.

PROFESSIONAL AFFILIATION.

- IEEE Young Professional Member - Member No. - 96247492
- ISACA Graduate Member - Member No. - 1709756