

Kumbirai Muhwati

New York, NY 10305

| kmuhwati@mail.yu.edu | www.linkedin.com/in/kumbirai-muhwati

[Kumbirai Muhwati Portfolio](#) | [Github Profile](#)

ABOUT ME

Dynamic and innovative cybersecurity professional with over two years of specialized experience in Red Hat systems and AWS. Proven track record of enhancing system security and performance through strategic solutions and cross-functional leadership

EDUCATION

Yeshiva University, Katz School of Science and Health, New York, NY

Master of Science in Cybersecurity, December 2025

Relevant Courses: Cybersecurity Foundations, Architecture of Secure Operating Systems, Network, Data and Communication Security, Cybersecurity Audit, Digital Evidence and Computer Forensics

Africa University, Mutare, Zimbabwe

Bachelor of Science Honors in Computer Information Systems, June 2021

3.6 GPA

SKILLS

Tools: Ansible, Wireshark, Splunk, AWS CloudFormation

Operating Systems: Red Hat Enterprise Linux, AWS EC2, Windows, MacOS

Security: Firewall Management, Intrusion Detection Systems, Compliance Audits

PROFESSIONAL EXPERIENCE

NMB BANK, Harare, Zimbabwe

June 2021 – Dec 2023

Digital Banking Support Officer

Managed and supported Red Hat and AWS infrastructure for online and mobile banking platforms.

- Implemented automated workflows using Ansible, reducing repetitive tasks and increasing operational efficiency by 20%
- Led infrastructure optimization projects, reducing system downtimes by 15% through proactive monitoring with Splunk and efficient AWS resource management
- Collaborated with cross-functional teams to troubleshoot complex technical issues and maintain robust security postures

SIMBISA BRANDS, Harare, Zimbabwe

Feb 2020 – Feb 2021

Information, communication, and Technology Internship

- Managed daily backup operations, ensuring high availability and quick data recovery, improving recovery times by 25%
- Installed and maintained CCTV and security systems across multiple sites to ensure operational security

- Provided technical support and troubleshooting for network issues, printers, and user devices, resolving 95% of tickets within the first 24 hours

MEMBERSHIPS Yeshiva University Security Operations Center (Member, Spring 2024)

Sharpened cloud security through Cyberbit Range exercises (Azure, AWS, Cisco), defending against realworld attacks on cloud/on-premises infrastructure. Honed skills in identifying and mitigating cloud threats.