

Lorna Karigi

P.O.BOX 1938-00232

Nairobi, Kenya

+254712508063

karigilorna@gmail.com

linkedin.com/in/lorna-karigi

Profile Summary

I am a motivated and committed university student with a strong academic foundation and demonstrated leadership abilities, seeking opportunities to apply my skills in a dynamic and challenging environment. With a keen interest in cybersecurity and a passion for continuous learning and development, I aim to contribute effectively while fostering both personal and professional growth.

Education

KCA University

Thikaroad, Ruaraka

Bachelors of Science in Information Security and Forensics

Expected graduation date: October, 2025

Experience

Cybergirls, remote.

Devsecops Professional

Start date: Jan 2023, End date Nov 2023

- Spearheaded the integration of devsecops practises to enhance security posture.
- Collaborated with cross-functional teams to automate security processes, resulting in increased efficiency and reduced response times.
- Facilitated security awareness training for the development and operations teams ensuring a security-first mindset.

Projects

1. Access Management Policy Development for Securecorps

- Collaborated with a team to draft a comprehensive Access Management Policy for Securecorps, a cybersecurity startup specializing in security consultancy
- Conducted in-depth research on industry best practises and regulatory requirements to inform policy development
- This enhanced my understanding of cybersecurity policy development, teamwork and practical application

2. Securing Databases

- Worked together with a team to implement several techniques to enhance the protection and confidentiality of sensitive data in a database, ensuring data is safeguarded from potential breaches, unauthorised access and compliant with data privacy regulations.
- Techniques used included hashing, column level encryption, application level encryption, database encryption and wazuh for security monitoring.
- By combining this techniques we established a robust database infrastructure, assuring our users their data is protected against potential breaches.

Leadership and Extracurricular Activities

- Cyberhunters CTF club
- Teens Aloud Foundation secretary

Skills

Technical - python, wireshark, HTML/CSS, mysql, networking, container security monitoring, mongodb, database security fundamentals

Soft skills - critical thinking, communication, teamwork, problem-solving

Certifications

1. Container security

Infosec

Issued june 2023

2. Cyber threat management

Cisco

Issued April 2023

3. Database security

Infosec

Issued june 2023

4. Secure cyber range

Infosec

Issued july 2023

5. Network defense

Cisco

Issued April 2023

References

Available upon request