

KOECH-SOPHINIUS-KIMUTAI

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EDUCATION

Kirinyaga University, Kenya

Bachelor of Science in Software Engineering

- **Related Coursework:** Data Structures & Algorithms, Object Oriented Programming, Machine Learning, Artificial Intelligence, Software Engineering.

EXPERIENCE

National Environment Management Authority

Nairobi, Kenya

Software Engineer Intern
2024

May 2024 – August

- Collaborated with a team to manage network system for the organization to ensure that the internet is reliable and efficient.
- Implemented user authentication and role-based access control, ensuring secure data management for over 100 users.
- We updated all the computers to new versions of operating systems, also we provided user support in the firm.

Kenya National Commission on Human Rights

Nairobi, Kenya

Software Engineer Intern
2023

May 2023- August

- Collaborated with the team in network maintenance of the organization to ensure there is reliable internet.
- Learnt on how to host and secure websites for purpose malicious data injection to the site and hackers attack prevention.
- Offered user support to staffs of the organization.

PROJECTS

E-Housing Web Application

- Contributed to developing a scalable e-housing platform for potential client using Node.js and React, supporting seamless message delivery and houses management.
- Implemented tools for monitoring booking and payment outcomes, improving tenants engagement and performance tracking.
- Optimized the user interface, enhancing the overall booking experience with a more intuitive and interactive design.

SKILLS

Programming: C#, Python, JavaScript, HTML, CSS, SQL

Frameworks: React, Django, Express, TailwindCSS

Databases: MySQL, PostgreSQL, MongoDB

Tools: Visual Studio Code, Postman, Git ,Github

Operating Systems: Windows