Musimbi Florence Mwita

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GitHub: github.com/Flo254 | LinkedIn: Florence Mwita

Location: Kirinyaga University, Kenya

Personal Profile

Motivated and enthusiastic first-year Software Engineering student at Kirinyaga University with a passion for coding, web development, and problem-solving. Experienced in basic HTML, CSS, and SQL. Interested in AI, databases, and building innovative software solutions.

Education

Bachelor of Science in Software Engineering
Kirinyaga University - 2024–2028
Relevant Courses: Database and Structures, Web Technologies, Data Communication and Networks, Differential Calculus

Kenya Certificate of Secondary Education (KCSE)
Asumbi Girls High School - 2020–2023

Kenya Certificate of Primary Education (KCPE)
Taranganya Boarding School - 2019 and earlier

Projects

Menu Creation
Designed and developed a basic interactive menu using HTML and CSS for a beginner web application project.

Contact form creation

Designed a well interactive form

Ethical hacker projects

Conducted a full reconnaissance workflow using Recon-ng for passive intelligence and Nmap for

active network scanning on target infrastructure.

use of other tools for hacking like burpsuite ,wireshark ,metasploit

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Technical Skills

Languages: HTML, CSS, SQL (Basic)

Tools: VS Code, MySQL, GitHub

Other: Basic data structures, normalization, ER diagrams

Nmap scanning, Recon-ng OSINT, SQL injection, XSS, CSRF testing, Burp Suite, OWASP ZAP,

Metasploit, Hashcat, John the Ripper, Aircrack-ng, privilege escalation (Linux/Windows),

Python & Bash scripting, TryHackMe, Hack The Box, TCP/IP, DNS, HTTP

Achievements

Created an introductory website as a beginner project

Participated in software development assignments and presentations at Kirinyaga University

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Hobbies & Interests

Coding and building software prototypes

Traveling and exploring new technologies

Research and continuous learning

Referees

Wallace Waruiru
Registrar – Academic & Student Affairs

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