Felix Webbo

Junior Cybersecurity Specialist

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📍 Nairobi, Kenya   🔗 [Portifolio](#)

 [Github](#)   in [Linkedin](#)

🪪 Professional Summary

A results-driven junior cybersecurity specialist specializing in penetration testing and cloud security, supported by a solid foundation in web development and secure systems architecture. Possesses comprehensive expertise in web and network penetration testing, endpoint protection, vulnerability assessment, and the design of secure infrastructure to strengthen and safeguard resilient digital environments. Demonstrates a proactive approach to identifying security weaknesses at early stages and implementing robust, practical controls that significantly reduce attack surfaces and mitigate potential breaches. Experienced in developing secure web applications with security-by-design principles integrated throughout the entire development lifecycle, from architecture planning to deployment. Maintains a strong commitment to continuous professional advancement, adaptive learning, and staying ahead of emerging technologies and evolving threat landscapes while consistently delivering measurable security impact to organizations.

💼 Professional Experience

September 2024 – September 2025
Nairobi, Kenya

Frontend Developer

Advent Band ↗

- Designed and developed user-friendly frontend interfaces for the Advent band digital platforms.
- Built responsive and accessible layouts using modern web technologies, including JavaScript, TypeScript, React, and Tailwind CSS.
- Collaborated with team members to update digital assets, media content, and event information.
- Contributed to improving user experience and strengthening the organization's online presence.

May 2025 – August 2025
Kakamega, Kenya

IT Support - Attachment

Masinde Muliro University of Science and Technology

- Installed, configured, and maintained computer systems and application software.
- Provided end-user technical support and trained users on efficient use of ICT resources.
- Installed, configured, monitored, and troubleshot Local Area Network (LAN) components.
- Administered user accounts and access controls using Active Directory.
- Installed and configured CCTV surveillance systems.

- Performed Windows system administration, ICT equipment maintenance, and inventory management.
- Supported institutional initiatives involving cloud computing, cybersecurity best practices, and emerging technologies, including IoT and AI fundamentals.
- Assisted in basic full-stack and mobile application development tasks.

August 2022 – April 2024
Kajiado, Kenya

Webmaster / IT Support - MMUSSA (Multimedia University Students'
Multimedia University Students' Kajiado, Kenya Association) Multimedia University of Kenya

- Maintained and updated the MMUSSA website to ensure accurate content, optimal performance, and reliability.
- Implemented website updates, announcements, and event information in collaboration with student leadership.
- Ensured website security, accessibility, and consistent user experience.
- Supported digital communication and online engagement initiatives for the association.

🎓 Education

September 2021 – October 2025
Kajiado, Kenya

BSc In Applied Physics and Computer Science
Multimedia University of Kenya ⏚
   Graduated with First Class in Applied Physics & Computer Science.

January 2017 – March 2021
Kakamega, Kenya

Kenya Certificate of Secondary Education
Handidi Secondary School
   KCSE holder with a B- grade.

🧠 Skills

Technical Skills

- **Cybersecurity:** Network, web security, vulnerability management, incident response.
- **Cloud & IAM:** AWS, Azure security, identity access management, compliance standards.
- **Infrastructure Security:** Endpoint protection, Windows Server, LAN/WLAN configuration, troubleshooting.
- **Systems & Virtualization:** Linux/Windows administration, VirtualBox, VMware virtualization tools.
- **Web Development:** Secure web development, React, Next.js, JavaScript, modern frontend technologies.
- **Security Operations:** Security best practices, risk assessment, documentation, reporting.

Soft Skills

- **Problem-Solving & Analysis:** Strong analytical thinking, critical thinking, troubleshooting mindset
- **Communication & Collaboration:** Good communication, interpersonal skills, teamwork, customer support orientation
- **Adaptability & Learning:** Willingness to learn, adaptable to changing environments
- **Work Ethic & Reliability:** Professionalism, attention to detail, accuracy, dependable under minimal supervision
- **Time & Task Management:** Effective time management, task prioritization, ability to work independently or in teams

🌐 Languages

English ● ● ● ● ○   Kiswahili ● ● ● ● ○

📇 Certificates

- Networking Basics - cisco
- Ethical Hacking - Cisco
- Cloud and Network Security Analyst - Cyber Shujaa
- System and Network security - IBM
- Vulnerability Management - IBM
- Governance, Risk and Compliance
- Cloud Security - IBM

🎸 Interests

- Networking labs and simulations
- Tech podcasts and security webinars
- Learning new cybersecurity tools and attack techniques

📂 Projects

July 2025 – Present

Hotel Vannah ⬈
hotelvannah.com
Provide Hospitality

August 2024 – April 2025

MMU Dispensary Appointment System
Palient Appointment System My Undergraduate project

Cyber Investigator Simulation (IBM)
- Conducted threat hunting in a simulated enterprise environment.
- Analyzed malware behavior & mitigation strategies

Capstone: Secure Network Design (IBM)
- Designed a zero-trust network architecture for enhanced security.
- Implemented firewall policies & intrusion detection mechanisms

📻 Tools

Burpsuite

Nmap

Wireshark

Malwarebyte

⚛ Referees Available Upon Request.