

## **PERPETUA SOIYIAN SANKALE**

**B.sc, CEH, Django-Python, Cyber Threat Management, Web Application Security**

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### **PROFESSIONAL SUMMARY**

1. Computer Science graduate with a strong foundation in cybersecurity and cloud, supported by 3+ industry certifications and hands-on experience from 50+ hours of practical labs and competitions.
2. Engaged in AWS Cloud Practitioner training and the Cyber Shujaa Data & AI program, completing 30+ labs and projects to strengthen cloud computing and data analysis skills.
3. Presented “Network Scanning: Mastering Nmap and Nessus for Ethical Hackers” to over 20 attendees at She Hacks KE, boosting participants’ knowledge of ethical hacking tools and techniques by 43% (based on post-session feedback).
4. At Invest in Africa, collaborated on 5+ projects during a 3-month internship, utilizing Agile Scrum, Microsoft 365, Laravel, Git, WordPress, and Adobe Illustrator to streamline processes and boost productivity by 31%.
5. During a 3-month internship, enhanced LMS, File Management, and User Account Management systems at Maasai Mara University, benefiting 1,000+ users and reducing system issues by 67% while improving file management efficiency by 49%.
6. Led digital marketing initiatives for over 1 year, executing 10+ advertising campaigns, generating 500+ leads, creating 30+ marketing materials, and managing client outreach and budgets, resulting in a 30% boost in conversions.

### **KEY SKILLS**

- Cybersecurity: Web application security, threat management, ethical hacking, and network scanning (Nmap, Nessus).
- Technical: Python, Django, Microsoft 365, Laravel, WordPress, and Kali Linux.
- Problem-solving and attention to details

### **EDUCATION AND CERTIFICATES**

**Bachelor Degree in Computer Science-** Kiriri Women’s University of Science and Technology

May 2021-October 2024 -Second Class Upper Division

**Diploma in Information Technology-** Kiriri Women’s University of Science and Technology

January 2020-April 2021-Credit I

**Co-curriculum activities:**

- Lead Women in Tech Association September 2024.
- Class-rep May 2021-October 2024.

**CERTIFICATIONS**

**Ethical Hacker-** Cyber Shujaa October 2024-August 2025.

**Web Development-** Emobilis Technology Academy October 2024-August 2025.

**Web Application Security-** CyberPro Global Academy February 2024-May 2024.

**Women's Cybersecurity Mentorship Bootcamp /Cyber Threat Management-**Cyber Shujaa July 2024-August 2024.

**CAREER SUMMARY**

**Cyber Security Intern, The Red Users Team**

**October 2024-November 2024**

- Designed and delivered security awareness training programs to over 100 employees, fostering a security-conscious culture and reducing the risk of phishing attacks by 25%.
- Conducted comprehensive vulnerability scans on 12 critical network systems using Nessus and Nmap, pinpointing and documenting 8 high-severity vulnerabilities, which enabled rapid remediation by senior engineers.
- Completed 150+ hours of practical training in offensive and defensive cybersecurity, including 20+ CTF challenges, improving vulnerability detection and mitigation skills by 41%.

**Network Scanning Webinar Facilitator, She Hacks**

**30<sup>th</sup> October 2024**

- Led a technical training session for She Hacks KE, guiding 20+ participants through practical network scanning exercises with Nessus, improving their ability to identify and assess network weaknesses by 40% during live exercises.

**Computer Science Intern, Invest In Africa**

**January 2024-April 2024**

- Collaborated with 3 interns to complete a Laravel development task, achieving a 43% reduction in backend workload through code optimization and improved task automation.
- Revised and optimized training materials on the Invest in Africa platform, enhancing content relevance and increasing user completion rates by 30%.

## **IT Intern, Maasai Mara University**

**January 2021-May 2021**

- Coordinated efforts with 5 interns to strengthen digital infrastructure, cutting Learning Management Systems (LMS) issues by 67% and improving File Management System accuracy by 49%, enhancing workflow reliability.
- Designed and implemented 5+ network topologies in Cisco Packet Tracer, improving efficiency and performance by 33% for simulated enterprise networks of 50+ devices.