

# Stephnora Mafeng Osedei

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## Experience

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### Shadow Fox | Remote

#### Cyber Security Intern | 02/2025 - Present

- Monitored network traffic using Wireshark to detect potential security threats.
- Conducted vulnerability assessments using Nmap to identify misconfigured systems.
- Performed log analysis with Security Onion to detect suspicious activity and unauthorized access.
- Investigated security incidents by analyzing logs, attack patterns, and system anomalies.
- Created detailed security reports with findings, mitigation strategies, and remediation steps.

### Hacktify | Remote

#### Cyber Security Intern | 01/2025 - Present

- Used Nmap and Wireshark to analyze network traffic and detect open ports for vulnerability assessment.
- Conducted SQL Injection & XSS testing to identify security weaknesses in web applications.
- Analyzed logs and attack patterns using Burp Suite and Security Onion for real-time threat monitoring.
- Documented vulnerabilities and mitigation strategies in detailed security reports.

### We do all tech | Remote

#### Python Developer | 11/2023 - 05/2024

- Developed and maintained Python-based applications
- Collaborated with teams to implement technical solutions.
- Assisted in debugging and optimizing code.
- Worked with departments across the company, including marketing and project management, in developing new ideas, initiatives, products, and services

### Fred Photography and Enterprises | Jos, Plateau State

#### Customer service and IT support | 02/2020 - 06/2021

- Provided technical support and troubleshooting for customers.
- Assisted with system maintenance and network configurations.
- Delivered excellent customer service, improving client satisfaction.

## Skills

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Communication skills, Splunk, TCP/IP, network analysis, Vulnerability scanning, threat intelligence, Penetration Testing, Incident Response, Risk Assessment, Leadership, Wireshark, Metasploit, Nmap, Burp Suite, Python, SQL, Network Security, Firewall, Soc analysis

## Education

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### Miva Open University | Abuja

#### Cybersecurity | 05/2027

First class student

## Certificates

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Google Cybersecurity Professional Certification , Certified in Cybersecurity(CC), Cisco Networking and Cybersecurity Certification, Python Certification (100 days of code), TryHackMe badges

## Projects and Achievements

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### Mastercard Cybersecurity virtual experience program on Forage - January 2025

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing

- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

#### **AIG Shields Up: Cybersecurity virtual experience program on Forage - January 2025**

- Completed a cybersecurity threat analysis simulation for the Cyber Defense Unit, staying updated on CISA publications.
- Researched and understood reported vulnerabilities, showcasing analytical skills in cybersecurity.
- Drafted a clear and concise email to guide teams on vulnerability remediation.
- Utilized Python skills to write a script for ethical hacking, avoiding ransom payments by bruteforcing decryption keys.

#### **AI Research Program**

- Collected and analyzed speech data for innovative AI research, contributing to advancements in machine learning and natural language processing.

#### **Cybersecurity Bootcamp- Miva University & Nexascale**

Enrolled in an intensive bootcamp covering advanced topics in cybersecurity, including SIEM tools; Splunk and Security Onion, Log analysis and threat detection.