Samuel Ogunlusi

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PROFESSIONAL SUMMARY

I am an IT professional with hands-on experience in system administration, technical support, and cybersecurity operations, including SIEM monitoring, threat detection, and vulnerability management. Proficient in Python, Bash and PowerShell for automating security tasks, building tools, and streamlining IT workflows. Experienced in configuring firewalls, maintaining network systems, and implementing the best practices to ensure a secure operational environment.

SKILLS

- **Technical Skills:** IT Support, Networking, Firewall Management, Cloud Security, Virtualization, Linux System Administration.
- **Languages:** Python, PowerShell, Bash Scripting.
- **Tools:** Wireshark, Splunk, Security Onion, Cisco Packet Tracer, OPNSense, SolarWinds NPM, Active Directory.
- **Platforms:** Windows Server and Client OS, Linux OS (Ubuntu, Kali, CentOS), MacOS, Microsoft Azure.
- **Soft Skills:** Teamwork, Adaptability, Continuous Learning, Effective Communication, Problem Solving.

EXPERIENCE

Networking & Cybersecurity Trainee   September 2024 - Present

NIIT Fortesoft Systems, Lagos, Nigeria
- Configured and managed Cisco and MikroTik routers, switches, VLANs, and firewalls for secure networks.
- Designed and maintained scalable LAN/WAN networks for high availability and performance.
- Monitored network traffic and logs for unusual activity using network security monitoring tools.
- Developed custom Python tools for SIEM integration, automating threat detection and incident response.
- Deployed virtual machines and secured cloud environments on Microsoft Azure.
- Performed for log analysis and threat detection, using Splunk, Snort and Security Onion.

IT Support Technician   May 2023 - November 2023

ENL Consortium Ltd, FCT Abuja, Nigeria.
- Configured and maintained printers, scanners, and peripheral devices to support daily business operations.
- Installed, configured, and maintained Windows, MacOS and Linux systems to ensure optimal performance.
- Provided technical support by troubleshooting hardware, software, and network connectivity issues for end users.
- Managed DHCP, DNS, VPN, and TCP/IP protocols for secure and reliable network communication.
- Assisted in data backup and recovery processes, securing critical files and minimizing data loss risks.
- Configured and maintained Windows and Linux servers, ensuring optimal performance and security.
- Automated IT workflows using PowerShell to streamline processes and reduce manual work.
- Assisted in Active Directory user management, creating and managing user accounts, passwords, and access controls.

EDUCATION

Bachelor of Science in Computer Science (BSc)   August 2024

Caleb University Imota Lagos, Nigeria.

Upper Second-Class Honors (2:1)

Senior Secondary Certificate (SSCE)   July 2020

Refiners High School Lagos, Nigeria

PROJECTS

Network Infrastructure Security & Design (Cisco Packet Tracer)
- Architected multi-site LAN/WAN with Cisco routers, switches, VLANs, and QoS policies.
- Configured routers, switches, VLANs, and firewalls to enhance network security and performance.
- Applied access control policies and NAT settings to optimize traffic flow.
- Documented network topology, change logs, and standard operating procedures.

Phishing Attack Simulation (GoPhish)
- Deployed GoPhish to simulate real-world phishing attacks and measure user response rates.
- Customized email templates and landing pages to mimic common social engineering tactics
- Collected and analyzed compromised credentials to assess attack effectiveness and improve defenses.

Home Cybersecurity Lab Infrastructure
- Built a test environment with pfSense, Kali Linux, and Security Onion for practical learning.
- Configured VLANs, firewall rules, and IDS/IPS for network segmentation and defense.
- Conducted simulated attacks to practice threat detection and incident response.

Cloud Infrastructure Deployment & Security on Azure.
- Set up secure cloud environments, deploying virtual machines, 1AM policies, and firewall rules.
- Enforced Multi-Factor Authentication (MFA), Role-Based Access Control (RBAC), and cloud monitoring for security.

Web Application Penetration Testing (Burp Suite & DVWA)
- Deployed DVWA for testing web vulnerabilities like SQL injection and XSS.
- Intercepted and manipulated HTTP requests using Burp Suite to validate security flaws.
- Documented findings and recommended code-level fixes for secure application development.

Active Directory (AD) Infrastructure Deployment & Automation on Windows Server 2022.
- Configured Windows Server Active Directory (AD) for user management and Group Policies (GPOs).
- Automated new user account creation with a PowerShell script reading from CSV.
- Enforced access control and compliance with security frameworks.

CERTIFICATES

Cisco Certified CyberOps Associate   March 2025

- Learned cybersecurity operations, incident response, and security monitoring techniques.
- Worked with SIEM tools, IDS/IPS, and threat detection methodologies.

Cisco Certified Network Associate (CCNA)   April 2025

- Gained expertise in network configuration, routing, switching, and troubleshooting using Cisco devices.
- Mastered IP addressing, subnetting, VLANs, and network security fundamentals.

Using Python to Interact with Operating Systems (Google)   January 2023

- Developed Python scripting skills for system automation and administration.
- Worked with file management, process handling, and system monitoring using Python.

CompTIA IT Fundamentals in the Workplace   October 2022

- Covered hardware, software, networking, and cybersecurity basics for IT environments.
- Learned IT troubleshooting, system maintenance, and security best practices.

CompTIA Network Analytics Career Pathway   August 2024

- Learned network traffic analysis, anomaly detection, and network security monitoring.
- Developed skills in analyzing network logs and identifying cybersecurity threats.

Fundamentals of Cloud Computing (IBM)   March 2022

- Gained an understanding of cloud computing models, virtualization, and cloud security.
- Explored Azure, Oracle Cloud, and cloud-based infrastructure management