

Kenneth Nnadi
Cybersecurity Engineer

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PROFESSIONAL SUMMARY

CISSP-certified cybersecurity engineer with 5+ years of experience securing networks, cloud environments, and enterprise systems. Expert in Palo Alto XDR, xSOAR and NGFW, FortiSIEM, CrowdStrike Falcon, SentinelOne, Splunk etc with a proven record in incident response, vulnerability management, and compliance (NIST, PCI-DSS, ISO 27001). Drives innovative security solutions to protect digital assets.

TECHNICAL SKILLS

- Security Platforms: Palo Alto XSOAR, Splunk, SentinelOne, Niksun, Fortinet (FortiSIEM, FortiGate), Microsoft Sentinel, Rapid7, Nessus, OpenVAS, Suricata, Snort, AWS, Azure security.
- Cloud Security: AWS (IAM, CloudTrail, CloudWatch), Azure (Entra ID, Sentinel, NSGs)
- Network Security: Cisco ASA, IDS/IPS, F5, VPNs, BGP, MPLS, Wireshark, Tcpdump
- Endpoint & IAM: CrowdStrike, XDR, Symantec, Okta, SailPoint, ADDS, LDAP
- Programming: Python, PowerShell, Bash, C/C++, Java, Git, Jenkins
- Compliance: NIST 800-53/37, ISO 27001/2, PCI-DSS, HIPAA, GDPR

PROFESSIONAL EXPERIENCE

University of Oregon, Eugene, OR
Cybersecurity Program Manager

11/2024 – Present

- Lead a cybersecurity program for next-Gen students, deploying Splunk, and Fortinet SIEM in labs.
- Develop Splunk dashboards to track threats and metrics, reducing analysis time by 25%.
- Building TSOC with other security engineers from scratch.
- Develop and collaborate to build cyber security clinic for small governments and SMEs.
- Configure Palo Alto policies for APT simulations, enhancing student skills.
- Coordinate workshops and labs with hands-on tools like Nessus and Wireshark.
- Secure \$50K+ in grants through technical proposals to sponsors and facilitate collaboration.
- Recruit and train mentors in cybersecurity tools and techniques.
- Align curriculum with NICE framework to promote career awareness to next-gen professionals.

Center for Cyber Security and Privacy Lab (UO), Eugene, OR
Cybersecurity Researcher

08/2024 – 10/2024

- Investigated APT/ransomware patterns via Splunk, Palo Alto telemetry.
- Designing an AI based cybersecurity awareness platform for pros/seniors, and students with data-driven phishing countermeasures.
- Devised labs probing zero-day exploits, ML-based detection.
- Synthesized OSI, TCP/IP, SDN courses from original threat studies.
- Dissected breach forensics, refining research-backed training modules.
- Integrated real-world examples to enhance technical understanding.

University of Oregon, Eugene, OR
Cybersecurity Lab Analyst

08/2022 – 06/2024

- Managed labs with Palo Alto NGFW, Splunk SIEM, and Fortinet SIEM, training 100+ students.
- Taught and curated Networking Fundamentals content, integrating OSI, TCP/IP, BGP, MPLS.
- Deployed Azure Sentinel with SOAR playbooks, integrating CI/CD via Azure DevOps.

- Taught Microsoft and security stack (Azure, Entra ID, M365, IoT Plug and Play, Sentinel) and AWS security to 80+ students, emphasizing cloud architecture and secure deployment.
- Automated AWS audits with CloudTrail and Python, demonstrating cutting vulnerabilities by 20% in lab.
- Taught network design and VLANs, using Wireshark and IDS/IPS (Suricata, Snort).
- Configured Azure AD with MFA and NSGs for secure lab access.
- Led OpenSSL PKI exercises for 100+ seniors reinforcing encryption and certificate management.
- Hardened Exchange Server with Microsoft Defender for anti-malware defense.
- Taught OWASP ZAP, IDS/IPS, Wireshark, Metasploit, Hashcat etc. to 100+ students, targeting vulnerability and packet analysis.

A7 Konzult Nig LTD, Port Harcourt

System and Security Administrator / Security Vulnerability Specialist

12/2019 – 04/2022

- Deployed Okta SSO/MFA with AD integration via SCIM, securing 200+ users.
- Conducted Nessus and Rapid7 scans, reducing identification time by 50% with Python.
- Configured Cisco ASA and Splunk for threat monitoring, improving detection by 60%.
- Prioritized risks with CVSS in Splunk, boosting remediation by 40%.
- Managed Ivanti patch deployment, ensuring PCI-DSS/HIPAA compliance with 60% faster rollouts.
- Optimized MikroTik routers with VPN, BGP, and QoS for 99.9% uptime.
- Reduced incident response time by 35% with Qualys monitoring.
- Designed backup and recovery plans, minimizing data loss risks.

Center for Information and Telecommunication Engineering, Port Harcourt.

Network Engineering Intern

06/2018 – 01/2019

- Managed DNS, VPN, and firewalls for 750+ users, ensuring 100% uptime.
- Deployed IDS/IPS and SNMP monitoring, reducing incidents by 15%.
- Tested 1300+ email accounts for phishing resilience in 48 hours.
- Configured VLANs and subnetting for network optimization.
- Supported Cisco routing and switching via CCNA training.
- Implemented VPN and MFA for enhanced security.

EDUCATION

University of Oregon, Eugene, OR

Master's in computer science

06/2022 – 06/2024 | GPA: 3.79/4.0

University of Port Harcourt, Port Harcourt, Nigeria

Bachelor's in computer science

09/2015 – 11/2019 | GPA: 3.64/5.0

CERTIFICATIONS

- Certified Information Systems Security Professional ([CISSP](#))
- CompTIA Security+
- Springboard Cybersecurity Bootcamp (9-months)
- AWS Security - Specialty (In Progress)
- Microsoft AZ-500 (In Progress)

PROJECTS

- Automated Vulnerability Management: Python pipeline with OpenVAS API, cutting scan time by 20%.
- Zero Trust PKI: Implemented short-lived certificates for secure access.
- Sentinel Threat Hunting: Built playbooks for incident response.

Full portfolio: <https://swanky-lala.github.io/#projects>