

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.

Springboard Cybersecurity Career Track, SF,CA

Cybersecurity bootcamp

06/2022 – 06/2023

- Engaged in over 380+ hours of immersive, hands-on course material, providing a comprehensive understanding of various aspects of cybersecurity.
- Benefited from personalized mentorship and guidance from industry experts, ensuring a valuable learning experience and professional oversight.
- Successfully completed an in-depth capstone project, showcasing the application of acquired knowledge and skills in a real-world scenario.
- Completed 35+ mini projects that provided practical, real-world context, enabling a deeper understanding of the cybersecurity landscape.
- Engaged in over 30+ labs that bridged theoretical concepts to practical implementation, enhancing proficiency in areas such as systems security, network security, vulnerability assessment, risk assessment, and more.

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://kenneth-nnadi.github.io/#projects>