EKENE-OKWUEGO KAMSIYOCHUKWU MIGUEL

Nigeria | +234 7068551953 | miguelekene001@gmail.com |
[https://www.linkedin.com/in/ekene-okwuego-miguel001?]

PROFESSIONAL SUMMARY

Analytical and systems-driven Computer Engineering Undergraduate (400-Level) specializing in remote infrastructure security, network threat analysis, and automated incident response workflows. Proven capability in analyzing complex network behavior, executing multi-vector vulnerability assessments, and leveraging SIEM logging environments to isolate system anomalies. Experienced team leader with deep technical expertise across Linux/Windows environments, Python scripting, and secure systems architecture. Offering dedicated, high-speed remote infrastructure aligned with U.S. and European operating zones to protect and optimize enterprise infrastructure.

CORE TECHNICAL SKILLS

- **Security Operations & Analysis:** Incident Response, Threat Modeling, Vulnerability Assessments, Identity & Access Management (IAM), Cloud Security Frameworks.
- **Networking & Protocols:** TCP/IP Suite, HTTP/HTTPS, Routing Architecture, Packet Analysis, Network Traffic Slicing.
- **Tools & Security Stacks:** Wireshark, Nmap, Kali Linux CLI, Splunk/SIEM Log Environments, Windows Management Instrumentation (WMI).
- **Systems & Automation:** Python Scripting, Automated Workflows, Linux/Windows OS Hardening, Process Optimization.
- **Data Systems:** Structured Data Analysis, AI Evaluation & Model Assessment, Pattern Recognition, Technical Documentation.

PROFESSIONAL EXPERIENCE

TechCrush Cybersecurity Program | *Cybersecurity Capstone Team Lead* | Remote | [Oct 2025 – Jan 2026]

- **Led a team of technical analysts** in engineering comprehensive defensive architecture simulations and multi-stage incident response playbooks.
- **Engineered end-to-end incident response documentation** for triaging simulated advanced persistent threat (APT) scenarios, reducing containment response timelines.
- **Monitored and parsed network telemetry data**, system audit logs, and SIEM dashboard metrics to proactively identify malicious patterns and network anomalies.
- **Implemented secure data protection protocols** using cryptographic baseline techniques to secure data-at-rest and data-in-transit.
- **Authored audit-ready technical reports** and post-incident remediation briefs outlining vulnerability root causes and mitigation strategies.

Sureplus ICT Centre | *IT Engineering Trainee* | Port Harcourt, Nigeria | [Jun 2019 – Sept 2019]

- **Managed diagnostic and troubleshooting operations** across enterprise endpoint networks, optimizing system uptime and device performance.

- **Enforced endpoint security standards** and access control policies across corporate workstations to eliminate unauthorized system modifications.
- **Maintained detailed technical documentation** mapping hardware configurations, localized network topographies, and incident resolutions.
- **Conducted system-level diagnostics and security patching** on Windows and Linux operating systems to harden internal infrastructure against known vulnerabilities.

PRODUCTION & SYSTEMS INITIATIVES

MiguelLabs | *Lead Systems Architect & Founder (Digital Growth Platform)* | Remote | [Jun 2026 - Present]

- **Designed and deployed process-driven web architecture** optimized for secure enterprise client lead-generation and conversion pipelines.
- **Conducted data evaluation and performance analytics** across Meta and Google advertising application environments to identify behavioral and traffic patterns.
- **Built robust workflow optimization frameworks** and comprehensive client-facing documentation to ensure scalable backend service execution.

TECHNICAL PROJECTS

Cybersecurity Infrastructure Practice Lab | *Self-Directed Sandbox*

- Executed advanced administrative operations via Linux Bash and Windows CLI, managing secure file systems and directory access controls.
- Simulated forensic-style artifact analysis and system log reviews to trace endpoint compromises, documenting methodologies in structured playbooks.

Python Automation & Optimization Directory | *Independent Developer*

- Developed a suite of custom Python scripts designed to automate repetitive administrative tasks and solve computational logic problems.
- Applied structured software development patterns to improve processing efficiency and computational accuracy within scripts.

EDUCATION

Michael Okpara University of Agriculture, Umudike | *Bachelor of Engineering (B.Eng.) in Computer Engineering*

- **Current Status:** 400-Level Undergraduate (Expected Graduation: [2028])
- **Core Engineering Concentration:** Networking Architecture, Advanced Operating Systems, Computer Systems Architecture, Algorithmic Programming Fundamentals.

CERTIFICATIONS & TRAINING

- **Ongoing Cybersecurity Capstone Certification Path**
- **TechCrush Cybersecurity Bootcamp** | Professional Certification
- **Python Programming Fundamentals** | Instructor-Led Technical Certification