PAUL IKECHUKWU UKAH

Cloud Security | IT Change & Configuration Management | AWS · Azure · GCP

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PROFESSIONAL SUMMARY

IT Change Management Coordinator at MTN Nigeria with 6+ years in IT operations, now moving into cloud security. Builds secure apps on AWS and Google Cloud with KMS encryption, MFA and per-user data isolation, tests them with OWASP ZAP, and secures Azure environments with Defender for Cloud and Microsoft Sentinel. FoxShare, a serverless file vault on AWS, won Best Overall Project in the VA Cybersecurity Mentorship Program. At MTN, runs change control and CMDB upkeep and supports audits. Cybersecurity Diploma (SOC), ITIL 4, AZ-900.

SKILLS

Cloud: AWS (IAM, KMS, S3, Lambda, API Gateway, Cognito, VPC, ALB, EC2, RDS, Secrets Manager), Microsoft Azure (RBAC, NSGs & ASGs, Azure Firewall, AKS & ACR, Defender for Cloud, Microsoft Sentinel, Log Analytics), Google Cloud (Cloud Run, API Gateway, Cloud Storage, Identity Platform)

Identity & Data Protection: MFA (Cognito, TOTP), encryption with KMS, KMS key and IAM policies, per-user isolation with JWT claims, security headers and SRI

Security Operations: Elastic Stack, Wazuh, Suricata, Wireshark, SentinelOne, Sophos Firewall, OWASP ZAP, MITRE ATT&CK, threat intelligence (OpenCTI), incident analysis

IT Service Management: ITIL 4, change management, CAB and RFC coordination, ServiceNow CMDB, release reviews, internal and external audits

Systems: Linux (Red Hat, Ubuntu), UNIX, Windows Server, Active Directory, VMware, Docker (basic), Netcool, SolarWinds

CLOUD SECURITY PROJECTS

FoxShare | Serverless file vault on AWS

- Built a file vault on S3, Lambda and API Gateway, with KMS encryption and Cognito MFA.
- Tested it with OWASP ZAP, then added security headers and Subresource Integrity, and switched storage paths from user email to the Cognito user ID.
- Won Best Overall Project, VA Cybersecurity Mentorship Program, Cohort 2 (Cloud Security track).

Secure Internal Employee Directory | AWS three-tier app

- Built a VPC with an ALB, private EC2, encrypted RDS PostgreSQL, a NAT Gateway and Secrets Manager; fixed KMS key-type and IAM role timing issues in key policies.

FoxVault | Document vault on Google Cloud

- Built on Cloud Run, API Gateway, Identity Platform and Cloud Storage, with per-user file isolation through JWT sub claims and TOTP-based MFA.

SOC Lab | VMware home lab

- Ran a home SOC lab on VMware with Elastic Stack, Wazuh, Suricata and a Sophos Firewall, and analysed real incidents (a malware alert and an account takeover) against MITRE ATT&CK.

PROFESSIONAL EXPERIENCE

Cybersecurity Intern | Cyblack **09/2026 – Present**

- Produce threat intelligence for an energy-sector client case study, including a profile of the IRGC-linked threat group CyberAv3ngers.
- Deployed an OpenCTI threat intelligence platform on Docker, integrated with AlienVault OTX feeds.
- Secure Azure environments across RBAC, NSGs and ASGs, Azure Firewall, AKS and ACR, Defender for Cloud, Just-in-Time VM access and Microsoft Sentinel; lab reports published on GitHub (ukahip/Cyblack).

Cybersecurity Intern (Cloud Security) | The Victor Akinode Initiatives **11/2025 – 03/2026**

- Completed the VA Cybersecurity Mentorship Program, Cohort 2, on the Cloud Security track: intensive training, hands-on projects and guided mentorship.
- Secured AWS workloads, applying zero-trust principles to identity, access and service-to-service traffic.
- Delivered FoxShare as the capstone project, awarded Best Overall Project.

IT Change Management Coordinator | MTN Nigeria **08/2023 – Present**

- Coordinate 50+ RFCs a month through the Change Advisory Board in ServiceNow; cut change approval time by 18% by fixing the CAB calendar and coaching teams on RFC quality.
- Check each change's backup and rollback plan before CAB approval.
- Support internal and external audits of change management.
- Keep CI records in the ServiceNow CMDB accurate, with 10–30 corrections or additions a month, and add business-service CIs with the IT Asset Management team.
- Review API releases and application patches with the release management team.

Data Centre Support Engineer | MTN Nigeria **09/2022 – 08/2023**

- Processed 200+ trouble tickets a month in Remedy with zero SLA breaches on managed queues.
- Acknowledged and diagnosed alarms on core systems in Netcool and SolarWinds, and escalated faults per the escalation matrix.
- Ran database maintenance and UNIX server tasks with zero unplanned downtime during maintenance windows.

Tek Knowledge (formerly TEK-EXPERTS), Microsoft Partner **10/2020 – 09/2022**

Technical Lead, Tier 2 Support ***05/2022 – 09/2022***

- Tuned SentinelOne, ELK Stack and SolarWinds, and resolved escalated infrastructure cases within SLA.
- Mentored junior engineers on root cause analysis and escalation.

Technical Support Engineer ***10/2020 – 04/2022***

- Supported Windows, macOS, Linux, Active Directory and Microsoft 365 for customers, and blocked unauthorised sites and downloads on their networks.

Network Operations Centre Intern (SIWES) | IPNX Nigeria Limited **2013 – 2014**

- Installed servers in data centres, tagged equipment with asset tags and monitored alarms in SolarWinds Orion.

CERTIFICATIONS & TRAINING

- ITIL 4 Foundation in IT Service Management | PeopleCert | 2026
- VA Cybersecurity Mentorship Program, Cohort 2, Cloud Security track | The Victor Akinode Initiatives | 2026
- Cybersecurity Diploma, SOC Specialisation | AltSchool Africa | 2026
- Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft | 2025
- Introduction to Cybersecurity | Cisco Networking Academy | 2024

EDUCATION

B.Tech Computer Science (Second Class Upper) | Federal University of Technology Akure (FUTA) **2014**

National Youth Service Corps (NYSC) **2015 – 2016**