
Engr. Owolabi Yussuf Kehinde

Network Engineer · Technology & Digital Infrastructure Leader

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PROFILE

Network Engineer and Technology & Digital Infrastructure Leader with 10+ years designing, deploying and maintaining secure, reliable and scalable technology environments. Proven track record supporting institutions with 40,000+ users, enterprise cloud collaboration and high-reliability examination infrastructure. Designed and delivered the full FTTx fibre network of OOU Main Campus, connecting 72 buildings.

EXPERIENCE

Senior Network Engineer

Oct 2025 - Present

Olabisi Onabanjo University, Ago Iwoye, Ogun State

- Upgraded the university internet bandwidth from 2 STM-1 (310 Mbps) to 1.5 Gbps optical fibre - improving capacity, resilience and availability for institution-wide digital services.
- Led ICT network distribution and rollout across new and existing campus buildings, coordinating equipment supply and overseeing fibre optic cable and wireless access point deployment at the Ago-Iwoye Main Campus.
- Designed, maintained and improved secure network infrastructure supporting academic, administrative, LMS and institutional portal systems.
- Collaborated with technical and non-technical stakeholders to assess connectivity, security and platform requirements, then prioritised infrastructure improvements.
- Designed, developed and maintained institutional portals and custom software to automate academic and administrative workflows, improve service delivery and strengthen data integrity.
- Developed and managed the OOU Teaching Practice Posting System and Teaching Practice Result Processing System, streamlining student placement and results computation.
- Led Learning Management System (LMS) development and management, supporting e-learning delivery, user administration and platform availability.

KEY ACHIEVEMENTS

- Upgraded campus internet capacity 5x - from 310 Mbps to 1.5 Gbps - with optical fibre resilience.
- Drove network and fibre rollout across the main campus and all new buildings.
- Delivered the LMS, institutional portals and custom systems (OOU Teaching Practice, NELFund Refund, Exam Scheduling) that automated core academic workflows.

IT Network Support & Cybersecurity Engineer

Oct 2019 - Sept 2025

Olabisi Onabanjo University, Ago Iwoye, Ogun State

- Operated and secured IT network infrastructure supporting 40,218 students and 2,509 staff, ensuring reliable access to virtual learning platforms, institutional systems and campus connectivity.
- Configured and maintained LAN/WAN infrastructure - DNS, VPN, DHCP, BGP, EIGRP, routing, switching, firewalls and wireless access points.
- Installed, configured and troubleshot routers, switches, firewalls, access points, RFU-C radio systems, antennas and inter-campus connectivity infrastructure.
- Supported Windows and Linux infrastructure environments, including service troubleshooting, platform administration, scripting and operational support.
- Conducted IT security audits and implemented policies to strengthen protection against cyber threats, data loss and operational disruption.
- Supported incident response and root cause analysis for connectivity, endpoint, platform access and infrastructure issues to reduce downtime and restore services quickly.
- Implemented endpoint protection and infrastructure security solutions (McAfee ePO, Sophos, Kaspersky, Avast, Symantec) and Microsoft DPM for backup and recovery.

KEY ACHIEVEMENTS

- Implemented Microsoft Teams / Microsoft 365 virtual learning infrastructure, contributing to a 20% increase in student engagement and academic performance.
- Led a team to network 1,100 computer systems across two laboratories with 100% uptime during major academic operations.
- Developed and delivered staff technology training programmes, resulting in a 30% increase in lecturer confidence and proficiency.
- Designed and implemented a backup and disaster recovery plan for virtual learning platforms, reducing disruption during

network or platform incidents.

Network & Website Administrator

2015 - 2019

[MySchoolNetwork Ltd.](#)

- Built and maintained web platforms and the networks that ran them end to end
- standardised backup, monitoring and security practices, cutting incident downtime significantly.

EDUCATION

[MIT] Master of Information Technology (Cybersecurity & Digital Forensics)

Oct 2024 - Jan 2026

[Iconic University, Sokoto](#) - [Completed with Distinction](#)

[MSC] Master of Science in Financial Engineering

Jun 2020 - May 2022

[WorldQuant University, USA](#) - [Completed](#)

[BENG] B.Eng., Electrical & Electronics Engineering

Sept 2013 - Oct 2018

[University of Ilorin, Nigeria](#) - [Upper Division \(2:1\)](#)

[L7] Level 7 Diploma in Strategic Management & Leadership (MBA Level)

Oct 2022 - May 2023

[OTHM, UK](#) - [Completed](#)

[MBA] MBA Foundations Certificate

May 2022 - Aug 2022

[Nexford University, USA](#) - [Completed](#)

[MMBA] MiniMBA (mMBA)

May 2021 - Dec 2021

[Tekedia Institute, Boston, USA](#) - [Completed](#)

PROFESSIONAL QUALIFICATIONS

Diploma, Industrial Safety Management (DISM)

May 2019 - Nov 2019

[International Board of Environmental Health & Safety, USA](#) - [Distinction - Completed](#)

Diploma, Risk Management (DRM)

Jan 2019 - Sept 2019

[Alison, USA](#) - [Completed](#)

Diploma, Project Management Tech (DPM)

Nov 2018 - Apr 2019

[Scholars International Institute of Technology, USA](#) - [Completed](#)

Diploma, Information Technology Management (DITM)

Jan 2019 - Sept 2019

[Alison, USA](#) - [Completed](#)

PROFESSIONAL MEMBERSHIPS

- Registered Engineer - COREN
- Member - Nigerian Society of Engineers (NSE)
- Member - Nigerian Computer Society (NCS)
- Member - Nigerian Institute of Management (NIM)

CERTIFICATIONS

- Huawei HCIP - Routing & Switching — 2020
- Huawei HCIA - Routing & Switching — 2020
- Huawei HCIA - Security — 2020
- Huawei HCIA - Transmission — 2020
- Huawei HCIA - Cloud Computing — 2021
- Huawei HCIA - Big Data — 2021
- Huawei HCIA - AI — 2021
- CAPM (PMI) — 2019
- DPM (Project Management Tech) - SIIT — 2019
- IBM App Security Engineer (Mastery) — 2018
- Huawei HCIA - Storage — 2020
- Huawei HCIA - 5G — 2020
- Aviatrix Certified Engineer - Multi-Cloud Networking Associate (MCNA) — 2020
- Hikvision Certified Security Associate (HCSA) — 2020

- ICSI | CNSS Certified Network Security Specialist — 2020
- Fortinet Network Security Expert (NSE 1) - Network Security Associate — 2020
- Fortinet Network Security Expert (NSE 2) - Network Security Associate — 2020
- Product Masterclass: Growing as a Product Manager - Product School — 2020
- Product Masterclass: How to Build Digital Products - Product School — 2020
- The COSHH Risk Assessor Certification — 2020
- CPR, AED and First Aid Certification Course - NHCPS — 2020
- ISO 45001:2018 - Principles of Occupational Health & Safety Management Systems — 2020
- ISO 50001:2018 - Elements of Energy Management System — 2020
- Data Analytics and Visualization — 2019
- Hazard Recognition and Risk Management — 2019
- Unique Time Management Strategies — 2019
- Proficiency Certificate in Management (NIM) — 2019
- Energy Transition - Innovation Towards a Low-Carbon Future — 2019
- WSO Occupational & Environmental Safety & Health Course (HSE) Level 1-3 — 2018

CORE SKILLS

ADVANCED

Network Operations · Microsoft 365 Administration · IT Operations · Routing & Switching · Network Security

STRONG

Python Automation · PHP/MySQL Applications · Cloud (AWS / Azure) · Identity & Access · Project Management

WORKING KNOWLEDGE

AI / ML Tooling · Data Analytics · PowerShell Automation · Virtualization