

OWOLABI, YUSSUF KEHINDE

MScFE, B.ENG., mMBA, WSO-HSE, DRM, DITM, DPM, DISM, MIAENG, GMNSE, CAPM, TAM-WSO, GMNIM, HCIP, 8xHCIA

IT NETWORK SUPPORT AND SAFETY ENGINEER

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PROFESSIONAL SUMMARY

- As an IT Network Support and Safety Engineer with over 8 years of experience, I have a proven track record of successfully managing and maintaining complex network systems while ensuring optimal performance and safety. With a strong background in network protocols, network security, and incident response, I am highly skilled in implementing and maintaining secure network infrastructures that meet the highest safety standards.
- Throughout my career, I have demonstrated exceptional problem-solving skills, which have enabled me to quickly identify and resolve network issues. My experience working in fast-paced and high-pressure environments has taught me to be highly organized, detail-oriented, and able to prioritize tasks effectively.
- As an IT Network Support and Safety Engineer, my career goal is to utilize my skills and expertise to design and implement network systems that are highly secure and reliable. With my extensive knowledge of industry-standard security protocols, I can ensure that the networks I design are protected against potential threats and vulnerabilities.
- Overall, my dedication to excellence and my passion for network security make me an ideal candidate for any IT Network Support and Safety Engineer role. I am confident that I can bring value to any organization by leveraging my skills and experience to optimize network performance and safety.

PROFESSIONAL WORKING EXPERIENCE

Senior Network Engineer | Olabisi Onabanjo University, Ago Iwoye, Ogun State

Oct 2025 – Till date

Key Responsibilities: *(Network Information and Safety Unit, Directorate of ICT Resource and Training Centre)*

- Upgraded the University's Internet bandwidth from 1 STM-2 (310 Mbps) to 1.5 Gbps optical fibre, improving capacity, stability, and service availability.
- Led ICT network distribution and rollout across new and existing campus buildings, coordinating equipment supply and deployment and overseeing the distribution/installation of fibre optic cables and wireless access points at the Ago-Iwoye Main Campus.
- Designed, developed, and maintained institutional portals and custom software solutions to automate academic and administrative workflows, improve service delivery, and strengthen data integrity.
- Built and managed the OOU Teaching Practice Posting System and Teaching Practice Result Processing System, streamlining student placement and results computation/processing.
- Led Learning Management System (LMS) development and ongoing management, supporting e-learning delivery, user administration, and platform availability.
- Developed custom applications including the NELFund Refund System and Exam Scheduling System, improving turnaround time, reducing manual errors, and enhancing operational transparency.

IT Network Support and Safety Engineer | Olabisi Onabanjo University, Ago Iwoye, Ogun State

Oct 2019 – Sept. 2025

Key Responsibilities: *(Network Information and Safety Unit, Directorate of ICT Resource and Training Centre)*

- Managed and maintained IT network infrastructure to ensure reliable and secure access to virtual learning platforms for 40,218 students and 2,509 staff members.
- Provided technical support and troubleshooting assistance for virtual learning platforms to minimize downtime and maximize learning opportunities.
- I conducted a thorough safety and security audit of all IT systems and infrastructure, developing and implementing the necessary IT policies to protect the IT network and virtual learning platforms for technological advancement. This ensured the safety and security of all data and systems against cyber threats and attacks.
- Performed big data analysis and scheduled exam passes for over 25,000 students for CBT exams, averaging 250,000+ exam schedules. Utilized Python, Excel, and web applications to assign exams into specific dates, times, seat numbers, and course schedules, ensuring that students took no more than two exams per day. Additionally, generated downloadable photocard schedules using SQL and web applications.
- Configured and maintained secure LAN/WAN infrastructures, including DNS, VPN, DHCP, and IP routing protocols (BGP and EIGRP), alongside the installation and troubleshooting of routers, switches, firewalls, and access points to ensure seamless connectivity.
- Installed and configured RFU-C Radio systems, antennas, and robust computer network infrastructures to interconnect geographically separated campuses securely and efficiently.
- Led PC hardware and software rollouts, provided desktop support across multiple Windows operating systems (Windows 11, 10, and 8), and managed various Microsoft Office suites (O365, 2021, 2019, 2016, 2013) to enhance productivity and collaboration.
- Implemented enterprise-grade antivirus and security solutions using McAfee ePO, Sophos, Kaspersky, Avast, and Symantec, while leveraging Microsoft DPM for data backup and recovery to safeguard digital assets and ensure business continuity.
- Supported technical operations through troubleshooting and maintenance of computer hardware, printers, and software, integrated payment gateway solutions for secure transactions, and customized email systems for effective communication within the organization.
- Managed the acquisition, deployment, and maintenance of the University's IT infrastructure while ensuring seamless coordination and organization of digital assets and processes across the institution.
- Supervised all administrative functions of the NIS Unit within the ICT Department and oversaw technical activities for the Joint Admissions and Matriculation Board (JAMB).

Specific Achievements:

- Successfully implemented a new virtual learning platform (Microsoft Teams/Microsoft 365) that enabled remote learning for all students and staff members during the pandemic and post-pandemic, resulting in a 20% increase in overall student engagement and academic performance.
- Led a team of IT professionals and collaborated with other departments to implement safe computing practices, resulting in the successful installation and networking of 1,100 computer systems into two computer laboratories (750-seater and 350-seater) with 100% uptime, and retrofitting of a 250-computer laboratory to ensure compliance with latest safety standards.
- Developed and delivered comprehensive training programs for lecturers and staff members on how to effectively use Microsoft Teams, Turnitin, Microsoft 365, Grammarly and Endnote, resulting in a 30% increase in lecturers' confidence and proficiency with technology.
- Collaborated with IT team members to design and implement a robust backup and disaster recovery plan for virtual learning platforms, ensuring minimal disruption to learning in the event of a network outage or other technical issue.

Graduate IT Network Intern | Olabisi Onabanjo University, Ago Iwoye, Ogun State

Feb 2019 – Oct 2019

Key Responsibilities: *(Directorate of ICT Resource and Training Centre)*

- Ensured reliable operation of over 1,000 computer systems, resulting in seamless access to technological resources for students and staff members at the university.
- Designed and implemented 750 local area network (LAN) cabling layouts, enabling improved connectivity and accessibility to online educational resources at the university's ICT center.
- Installed, tested, configured, and commissioned QRT antennas and access points, providing robust network coverage to students and staff members at the university, facilitating seamless access to online educational resources.
- Performed regular service maintenance of CBT servers and CBT management software, ensuring smooth conduct of computer-based tests for students at the university.

Network and Website Administrator | MySchoolNetwork Ltd. – Kwara State

Aug 2015–Jan 2019

Key Responsibilities:

- Served as Chief Technical Officer for the Fresher's CBT Mock Exam twice for the Faculty of Engineering and Technology at the University of Ilorin.
- Acted as Team Lead for the development and deployment of the NUESA E-Resources Web Application.
- Provided consultancy services for the development of an E-Voting Application for the Faculties of Engineering and Technology, Physical Sciences, Life Sciences, and Agricultural Sciences.
- Managed the administration of the CBT Mock Exam for over 15,200 fresh students.

EDUCATION & PROFESSIONAL QUALIFICATION

1. **Iconic University, Sokoto** (October 2024 – Jan 2026)
Master of Information Technology (MIT) in Cybersecurity and Digital Forensics
2. **OTHM, UK** (October 2022- May 2023)
Level 7 Diploma in Strategic Management and Leadership (MBA Level)
3. **Nexford University, USA** (May 2022 – August 2022)
MBA Foundations Certificate
4. **WorldQuant University, USA** (June 2020 – May 2022)
Master of Science in Financial Engineering
5. **Tekedia Institute, Boston, USA** (May 2021- December 2021)
MiniMBA (mMBA)
6. **International Board of Environmental Health and Safety, USA** (May 2019- Nov. 2019)
Diploma, Industrial Safety Management (DISM), Distinction
7. **Alison, USA** (Jan. 2019- Sept. 2019)
Diploma, Risk Management (DRM)
Diploma, Information Technology Management (DITM)
8. **Scholars International Institute of Technology, USA** (Nov. 2018- Apr. 2019)
Diploma, Project Management Tech (DPM)
9. **University of Ilorin, Ilorin, Nigeria** (Sept. 2013- Oct. 2018)
Bachelor of Engineering (B.Eng.) in Electrical and Electronics Engineering | Second Class Honours (Upper Division)

PROFESSIONAL QUALIFICATIONS

1. SPSS Simplified – La Grande Galaxie -2024
2. TETFund Train the Trainer Certificate- E-Tech ICDL -2023
3. Applied Data Science I: Scientific Computing & Python (with honors)- WQU -2021
4. Huawei Certified ICT Associate (HCIA) –AI - 2021
5. Huawei Certified ICT Associate (HCIA) –Big Data - 2021
6. Huawei Certified ICT Associate (HCIA) –Cloud Computing - 2021
7. Huawei Certified ICT Professional (HCIP) –Routing & Switching - 2020
8. Huawei Certified ICT Associate (HCIA) –Routing & Switching - 2020
9. Huawei Certified ICT Associate (HCIA) –Transmission - 2020
10. Huawei Certified ICT Associate (HCIA) –Security - 2020
11. Huawei Certified ICT Associate (HCIA) –Storage - 2020
12. Huawei Certified ICT Associate (HCIA) -5G - 2020
13. Aviatrix Certified Engineer- Multi-Cloud Networking Associate (MCNA) - 2020
14. Hikvision Certified Security Associate (HCSA) - 2020
15. ICSI | CNSS Certified Network Security Specialist - 2020
16. Fortinet Network Security Expert (NSE 1)- Network Security Associate - 2020
17. Fortinet Network Security Expert (NSE 2)- Network Security Associate - 2020
18. Product Masterclass: Growing as a Product Manager- Product School - 2020
19. Product Masterclass: How to build digital products- Product School - 2020
20. The COSHH Risk Assessor Certification™ - 2020
21. CPR, AED and First Aid Certification Course- NHCPS - 2020
22. ISO 45001:2018- Principles of Occupational Health and Safety Management Systems - 2020
23. ISO 50001:2018- Elements of Energy Management System - 2020
24. Data Analytics and Visualization - 2019
25. Hazard Recognition and Risk Management - 2019
26. Unique Time Management Strategies - 2019
27. Proficiency Certificate in Management (NIM) - 2019
28. Certified Associate in Project Management (CAPM) - 2019
29. Energy Transition; Innovation Towards a Low-Carbon Future - 2019
30. WSO Occupational & Environmental Safety & Health Course (HSE) Level 1-3 - 2018
31. IBM Application Security Engineer Mastery Certificate - 2018
32. Google Digital Skills: Online Marketing Fundamental - 2017

PROFESSIONAL MEMBERSHIP

1. **Member**, The Standard Institute for IT (BCS)- No. 995115353
2. **Member**, International Association of Engineers (IAENG)- No. 253004
3. **Graduate Member**, Nigerian Society of Engineers (NSE) –No. G62155
4. **Graduate Member**, Nigerian Institute of Management [NIM] (Chartered)- No. 252354
5. **Training Associate Member**, World Safety Organization (WSO)- No. TA-015152

AWARDS & KEY ACCOMPLISHMENTS

1. **Application Security Analyst- Mastery Award - IBM**
2. **Application Security Engineer- Explorer Award - IBM**
3. **Data Science Intro- Explorer Award - IBM**
4. **Artificial Intelligence Intro- Explorer Award - IBM**
5. **Excellence in Leadership Award - National Association of Electrical and Electronics Engineering Students (NAEES), University of Ilorin Chapter**

6. **Departmental President of the Year** - Nigerian Universities Engineering Students' Association (NUESA), University of Ilorin
7. **Volunteer Recognition Award** (2019 International Volunteer Day) - World Safety Organization

SPECIAL APPOINTMENTS & COMMUNITY SERVICE

1. **District Publications, Website & Social Media Chair**- Rotary International District 9125 (July 2021- June 2022)
2. **Brand and Customer Experience Manager**- Rotaract, Rotary International District 9125 (July 2019- June 2020)
3. **Community Manager**- AIESEC Ilorin, AIESEC International (Feb 2019- Jan 2020)
4. **President** – National Association of Electrical & Electronics Engineering Students (NAEEES), University of Ilorin (Aug 2017- July 2018)
5. **Technical Officer** –Unilorin Spelling Championship (June 2018)
6. **Facilitator** (MS Excel & AutoCAD Electrical)- InfoTech Training, NAEEES (Jan 2018- Mar. 2018)
7. **Facilitator** (MS PowerPoint, MS Excel)- NIMEchE CAD School (May 2018)
8. **Coordinator**- Engineering Projects Exhibition (EPEX) (Jan- Oct 2018)
9. **Group Coordinator**- Community Based Experience and Services (COBES-FET) (Oct 2017)
10. **Marketing and Promotions Manager**- Hult Prize, On Campus @University of Ilorin (June 2017- July 2018)

CORE SKILLS

Technical Skills

- **Network Protocols:** TCP/IP, IPv4, IPv6, OSPF, BGP, EIGRP, RIP, VLAN, STP, VTP, HSRP, GLBP, LACP
- **Network Security:** Firewall, VPN, IPsec, SSL/TLS, PKI, AAA, NAC, DLP, IDS/IPS
- **Incident Response:** Incident Handling, Threat Hunting, Forensics, Malware Analysis
- **Operating Systems:** Windows, Linux
- **Network Equipment:** Cisco, Huawei, HP, Ubiquiti, Mikrotik
- **Virtualization:** VMware, VirtualBox, Hyper-V
- **Cloud Computing:** AWS, Azure, GCP
- **Programming Languages:** Python, R,
- **Tools:** Wireshark, Nmap, Nessus, Metasploit, Kali Linux, Ansible, Terraform, Docker, Kubernetes, Git
- Network Architecture & Design
- Management & Application of IT
- Research & Development

- Policy Planning & Implementation
- ICT Project Management
- Risk Assessment & Impact Analysis
- Computer Hardware and Software Troubleshooting
- Proficient in the usage of Application Software including Microsoft Office Suite, AutoCAD, Photoshop, Corel Draw among others.

Soft Skills

- Strong Analytical Skills
- Good Organizational and Interpersonal Skills
- Ability to Work in A Diverse Team and Good Appreciation of The Fundamentals of Teamwork
- Effective communication skills
- Fast Learning Ability
- Intensive Ability for Logical, Critical and Creative Reasoning.

INTERESTS & HOBBIES

Volunteering, Meeting People, Reading Educational and Motivational Books, Travelling, Attending Idea Sharing Events, Research, E-Learning, Social Media Marketing, Music, Artificial Intelligence, Robotics

