

TIMOTHY AMEH

Fiber Network Engineer | LAN/Infrastructure Technician

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PROFESSIONAL SUMMARY

Results-driven LAN Installer and Network Engineer with 5 years of experience in structured cabling, fibre optic deployment, cross-connection, and network infrastructure support across telecom, energy, education, and commercial sectors. Proven expertise in fibre termination, LAN/WAN setup, patch panel management, CCTV, and system troubleshooting with a track record of delivering 98% client satisfaction and reducing network downtime by 18%. Technically proficient with network diagnostics, SQL, Python, and Power BI to monitor performance and generate data-driven insights. Certified in Backend Development, Cybersecurity, and Data Science. Known for installing reliable, scalable, and secure networks while mentoring teams on best practices and compliance standards.

TECHNICAL SKILLS

Networking & Infrastructure

Fiber Optic Termination, LAN/WAN Installation, Structured Cabling, Cross-Connection, Patch Panel Termination, RJ45 Crimping, Router & Switch Configuration, VLAN Setup, Network Troubleshooting, CCTV Installation, HVAC Systems, Solar Energy Solutions Systems & Hardware

Electrical/Electronic Installation & Maintenance, PLC Programming & Automation, CCTV Systems, Preventive Maintenance, Technical Documentation Data & Software

SQL (CTEs, Joins, Subqueries, PostgreSQL), Python (Pandas, NumPy), Power BI, Tableau, Excel (PivotTables, Power Query, Advanced Charts), Microsoft 365, Teams, SharePoint Methodologies

Agile Methodology, Network Monitoring, A/B Testing, User Behaviour Analysis, Project Management, Technical Training & Mentoring

PROFESSIONAL EXPERIENCE

OPTIVA CAPITAL PARTNERS, LAGOS

Business Development Executive

May 2026 – Present

- Engage high-net-worth clients and corporate partners on investment immigration and wealth solutions.
- Leverage CRM and data reporting to track pipeline performance and drive revenue growth.

OKK GLOBAL SOLUTIONS LIMITED, YABA LAGOS STATE

Fibre / Network Installation Engineering Intern Aug 2025-Jan 2026

- Installed, terminated, and tested fibre optic cables and structured cabling for commercial clients, including LAN, CCTV, and cross-connection panels with <1% signal loss.
- Configured router to have different IP address to prevent 80% risk of catastrophic cyber attacks.
- Conducted preventive maintenance and troubleshooting, reducing system downtime by 18%.
- Terminated fibre cable in data centres for the largest service provider in Africa MTN and in data centres like the Ikoyi reeves, Equinix main one Ogombo and many more.

WISDOMJOE AUTHENTIC SOLUTION LIMITED, MAKURDI

Installation Engineer

Oct 2022 – Mar 2025

- Installed, terminated, and tested fibre optic cables and structured cabling for commercial clients, including LAN, CCTV, and cross-connection panels with <1% signal loss.
- Designed and maintained PostgreSQL databases for service logistics and inventory tracking, optimizing queries to accelerate reporting by 30%.
- Analysed regional service data to identify network performance trends, reducing inventory waste by 15% and improving response time.
- Deployed and maintained CCTV security networks, solar power, and HVAC systems for commercial sites, achieving 98% client satisfaction. Implemented energy-efficient infrastructure solutions that reduced client power consumption by 22%.
- Conducted preventive maintenance and troubleshooting, reducing system downtime by 18%.

AVECO MODEL COLLEGE, BENUE

STEM Educator & Laboratory Technician

Jan 2022 – Dec 2024

- Taught physics and mathematics to students across the junior arms to the senior arms
- Delivered hands-on training in networking fundamentals, Python, robotics, and IoT, equipping 20+ students with practical IT and electronics skills.
- Guided students in experimental design, data collection, and analysis to build problem-solving and technical documentation skills.
- Integrated DIY projects into curriculum, increasing student engagement in STEM by 40%.

NYSC SAED PROGRAM

Technical Trainer - Paint Production & Infrastructure Skills Jul 2023 – Jun 2024

Developed technical training modules focused on safety, equipment handling, and process documentation.

ORACLE PLASTIC LIMITED, Makurdi

Industrial Training Intern

May 2019

- Supported equipment maintenance and troubleshooting of industrial systems, reducing downtime by 18%
- Documented maintenance schedules and process improvements adopted by the engineering team.

EDUCATION & CERTIFICATIONS

B.Sc. Industrial Physics

Joseph Sarwuan Tarka University, Makurdi | January 2023

Relevant Coursework: Computational Methods, Data Structures, Logic Design, Mathematical Physics

Diploma in Electrical/Electronic Installation

Wisdom Joe Authentic Service Limited | 2022

Professional Development:

Network engineering program | Cisco net Academy | still studying

Backend Development Program | TS Academy, UK | 2025

Python, Django, REST API, Database Scaling, Security

Gen AI and Data Science Certification | FLEXISAF EDU | Dec 2025

Data Analysis Certification | Selfless Heart Foundation | Aug 2025AI,

Python, Robotics & Machine Learning | STEMpedia | Aug 2023

Diploma in Behavioural Science in Public Policy | World Bank Group | 2025

Cyber Security Awareness | HP LIFE Foundation | 2025

Tony Elumelu Foundation Entrepreneurship Program

NYSC Certification | June 2024

VOLUNTEER EXPERIENCE

STEM Mentor

Provide free weekend workshops on robotics, AI, and basic networking to 15+ underserved students monthly.

PROFESSIONAL INTERESTS

Network Infrastructure, Sustainable Energy, Fiber Optic Technology, Educational Technology, Open-Source Tools

PERSONAL INTERESTS

Badminton, Piano, Drumming & Guitar, DIY Electronics, Technical Book Club

REFERENCES

Available upon request.