

Akinseloyin Elijah Demilade

Network & Systems Administrator



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EDUCATION

B.Sc. in Computer Engineering, University of Lagos (UNILAG)

Expected Graduation: 2029 | Akoka, Lagos

- Current Standing: 200 Level | CGPA: 4.54/5.00
- Relevant Coursework: Data Structures & Algorithms, Digital Logic Design, Engineering Mathematics, Object-Oriented Programming, Circuit Theory.
- Activities: Active member of ULES (University of Lagos Engineering Society); Member, SEES Operations Team.

High-achieving Computer Engineering Undergraduate (CGPA: 4.54/5.00) with a strong technical foundation in Network Engineering, System Administration, and Backend Infrastructure. Experienced in configuring enterprise-grade servers, managing complex Linux environments, and deploying self-hosted web services. Passionate about open-source technology and leveraging broad technical skills to solve complex engineering problems.

EXPERIENCE

Systems Administrator, Freelance

06/2025 – Present | Remote

- Manage and secure remote Linux-based servers (Debian/Arch), ensuring high availability for hosted services and applications.
- Implement rigorous security protocols, including firewall configuration and automated patch management to prevent vulnerabilities.
- Deploy and maintain containerized applications using Docker, handling reverse proxy configurations via Nginx for secure external access.

Private STEM Tutor, Self-Employed / Superprof

05/2024 – Present

- Provide personalized tutoring in C Programming, Python, and Advanced Mathematics to students of varying skill levels.
- Develop custom lesson plans and coding challenges to simplify complex concepts like pointers and memory management.
- Mentored students to improve academic performance and successfully grasp fundamental engineering concepts.

Network Engineer, University of Lagos (UNILAG)

03/2023 – 08/2024 | Akoka, Lagos

- Assist in the deployment and configuration of campus Network Infrastructure, including switches, routers, and wireless access points.
- Monitor network traffic and latency to identify bottlenecks, ensuring stable connectivity for administrative and academic departments.
- Perform structured cabling and termination (Cat6/Fiber) to expand Local Area Network (LAN) coverage across campus facilities.

TECHNICAL SKILLS

Programming & Scripting

C, Python, Bash/Shell Scripting, SQL.

Network Engineering

TCP/IP Protocol Suite, LAN/WAN Infrastructure, Routing & Switching, Network Security (Firewalls/UFW), Structured Cabling.

Systems Administration

Linux Environments (Debian/Arch), Docker & Containerization, Nginx Reverse Proxies, Virtualization, System Hardening.

Tools & Operations

Git Version Control, REST API Integration, Database Management, Hardware Diagnostics, Technical Troubleshooting.

LEADERSHIP & INTERESTS

Speedcubing Community Lead — Founded and manage a community for speedcubing enthusiasts; organize discussions on advanced solving methods (CFOP, Roux, ZZ) and coordinate group events., **Interests** — Networking, Open Source Software, Web Novels.

IT Support Engineer, University of Lagos (UNILAG)

03/2023 – 08/2024 | Akoka, Lagos

- Diagnose and resolve hardware and software issues for faculty workstations, minimizing downtime for critical university operations.
- Manage the installation and configuration of operating systems and academic software packages across laboratory systems.
- Provide immediate technical assistance to staff and students, documenting technical issues and resolutions for future reference.

PROJECTS

Personal Portfolio Platform,

Backend & Infrastructure Developer

Designed and deployed a scalable web platform to showcase engineering projects and technical documentation.

- Architected a robust backend infrastructure to handle data management and API requests, connected to a cloud-hosted database.
- Implemented custom site monitoring scripts to track the real-time status and uptime of connected services.

HomeLab & Server Administration,

System Administrator

- Configured and maintained a personal Linux server ecosystem hosting multiple services.
- Deployed Learning Management Systems (LMS) for educational resource management and media servers for streaming.

Set up and managed custom Game Server Infrastructure, optimizing for low latency and high availability across different game types.

Tech Educational Content Platform, Creator & Editor

- Produced educational tech content for various social platforms.
- Edited high-quality video tutorials using professional post-production software, increasing audience engagement and retention.