OUMA JACOB OMONDI

Network Engineer, Graduate

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PROFESSIONAL PROFILE

I am a dedicated Electrical and Telecommunications Engineering graduate eager to acquire hands-on experience, grow my Network engineering career, and contribute to Kenya's ICT infrastructure. I possess intellectual inquisitiveness, dedication, and a steady commitment to academic, professional, and personal growth. My excellent communication, adaptability, collaboration, commitment to continuous learning, and strong interpersonal skills enable me to contribute effectively in fast-paced environments.

PROFESSIONAL EXPERIENCE

Kenya Education Network Trust (KENET)
Network Operations Centre Intern, October 2024 – Present

i. **Monitoring and Troubleshooting Customer Network Infrastructure:** Proactively monitoring customer network infrastructure, including routers, switches, firewalls, and servers, to identify and resolve performance issues, connectivity problems, and security vulnerabilities.

ii. **Generating Availability Reports for Various Links:** Developing and generating network availability reports for various network links, providing insights into network performance, uptime, and downtime.

iii. **Supporting Help Desk Operations and NOC:** Providing technical support to end users through help desk operations, resolving network-related issues, and answering technical inquiries.

iv. **Executing Campus Network Installations:** Actively participating in the installation and configuration of campus network infrastructure, including configuring and deploying network devices, connecting end-user devices, and ensuring seamless integration with existing systems.

v. **Supporting the Building Opportunities / Leveraging Technologies (BOLT) project:** This project aims at advancing internet access and connectivity for up to 20 institutions in the neighbourhood of rural Kenyan Universities on the KENET last-mile fiber. I am actively engaged in supporting the integration of links to the institutions, configuring the devices, and dispatching the required equipment. Also, I assist with coordinating the filling of commissioning forms for these sites.

vi. **Supporting link integration and testing**: Helping with the connection of new institutions to the KENET fiber as well as verifying the functionality of the links by checking the signal strengths as well as throughput levels, and link latency.

Innovis Telecom & Network Consultancy PLC

Student Attaché, September 2024 – December 2024

i. **Maintained Base Transceiver Stations (BTS):** Ensured the continuous operation and optimal performance of Base Transceiver Stations (BTS) by conducting regular inspections, preventative maintenance, and troubleshooting activities.

ii. **Monitored Site Equipment Performance:** Proactively monitored the performance of site equipment, including BTS, power systems, and transmission links, utilizing remote monitoring tools and on-site inspections.

iii. **Responded to Network Faults and Executed Planned Maintenance:** Responded promptly and effectively to network faults, utilizing diagnostic tools and technical expertise to isolate and resolve issues.

iv. **Compiled Daily and Weekly Reports:** Prepared and submitted comprehensive daily and weekly reports detailing network performance, maintenance activities, and incident summaries.

EDUCATION

CyberShujaa
Cloud and Network Security Track, May 2025 – Present

MULTIMEDIA UNIVERSITY OF KENYA
Bachelor of Science in Electrical and Telecommunications Engineering, Nov 2024
Graduated with a First Class Honours

MARANDA HIGH SCHOOL - BONDO
A-level education, Feb 2015-Nov 2018

SKILLS

- IT Support
- Networking – TCP/IP suite, DHCP, and routing protocols
- Subnetting
- Linux – Ubuntu, Debian, & Fedora
- Structured cabling
- Power Systems & Energy Management - familiarity with circuit breakers and transformers.
- Renewable energy - Knowledge of solar PV systems.
- Project Management & Report writing
- Leadership & Teamwork

CERTIFICATIONS

i. Cisco Certified Network Associate (CCNA)| ongoing

ii. Huawei Certified Internetwork Associate - Datacom v1.0

iii. Huawei Certified Internetwork Associate | Security

iv. Basics of Network Layer Protocols Micro Certification | Huawei

v. Technical Support Fundamentals | Google

vi. Bits and Bytes of Computer Networking | Google

REFEREES

- **Khamis Phitia** | Network Engineer, KENET | kphitia@gmail.com | +254 728 390300
- **Mr. Mataro Chacha |** Engineering Faculty Administrator, MMU | al.matarochacha@gmail.com | + 254 722 759516
- **Mr. Kipyegon Koech** | Chair, Electrical & Telecom Engineering, MMU | ekipyegon@gmail.com | +254 722 109886