COLLINS WANJALA

Network Engineer

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PROFESIONAL SUMMARY

A Network Engineer with a strong foundation on Information Technology infrastructure,Active Directory Directory services (AD DS) ,CRM and problem-solving, especially in the Telecommunication industry, over two years of experience working on labs and serving as field Network Engineer at Nars technical service, Liquid telecom for Western and Nyanza region and ICT support officer for Kibabii university and currently as ICT officer at Kenya Revenue Authority(KRA).I have Broad knowledge and proficient in database systems, computer networking, cyber security, programming (Python), system administration, computer hardware and software. I chose this path because I have a genuine curiosity for how systems work and a passion for creating solutions that make life easier for people. Furthermore, beyond my technical skills, I enjoy the collaborative side of tech work. I believe great projects are built when teams work well together, share ideas, and communicate effectively.

WORK EXPERIENCE

ICT Officer   01/2025-

KENYA REVENUE AUTHRORITY

- Participated in the preventive Maintenance exercise in Western region headquarters and its outer stations.
- Designed data backups of users and data retrieval
- Assisted in Configuration printers and onboarding machines in the domain.
- Troubleshooted the Hardware and software of different networking devices.
- Provided User support, resetting passwords for their domain accounts and Lotus accounts.

Network Engineer Intern   07/2024 – 10/2024

   LIQUID TELECOM

- Designed, installed and configured network LANs for enterprises.
- Configured different types of Radios (LTE, Cambium ePMP, Airmux and Telrad).
- Assisted in Configuration of networking devices such as routers, switches, access points.
- Troubleshooted the Hardware and software of different networking devices.
- Diagnosed and determined best frequency channels for master access points modules and subscriber module radios.
- Performed network maintenance and system upgrades including the service packs, patches, and security configurations.
- Upgraded the firmware of customer MikroTik routers and Cambium radios for effective functionality.
- Installed access control system on customer routers for remote access.
- Collaborated in cable pooling during network installation exercises.   •   Configured IP address on different radios and access points.   **Network Engineer Intern** 06/2023 – 06/2024

NARS TECHNICAL SERVICES

- Designed, installed and configured Local Area Networks (LAN) for customers.
- Configured different types of Radios (LTE, Cambium ePMP).
- Configured different networking devices such as routers, switches, access points.
- Managed user access into systems.
- Performed Wi-Fi designs and Installations for enterprises and home users.
- Installed and configured different radios on mast towers. ☐ Repaired LANs for enterprise and individual customers.

ICT Clerk   2022
INDEPENDENT ELECTORAL AND BOUNDARIES COMMISSION (I.E.B.C)
- During 2022 general elections and by -elections in Bungoma County, temporarily employed as ICT clerk and performed the following roles:
- Operated KIEMS kit to verity and validate voters biometrically.
- Authenticated voters' credentials in the manual register in case of KIEMS kit failure. ☐ Filled and scanned forms F34A,34B with the help of Presiding officer.

EDUCATION

Bachelor of Science Information Technology (BSc I. T)   08/2019 – 05/2023

Maseno University -Main Campus (Maseno Town - Kisumu)   02/2015 – 11/2018

Kenya Certificate of Secondary Education (K.C.S.E) *S.t*
Peter's Boys High School- Nakalira (Kimilili)

CERTIFICATES

- ✞ Cisco certified Network Associate (CCNA 1,2,3) –Cisco Academy
- ✞ Python at EDUCBA(Online)
- ✞ Diploma in Computer Networks (Alison Academy)
- ✞ Diploma in Database Systems (Alison Academy)
- ✞ Cyber Security (ICT Authority)
- ✞ Network Essentials (ICT authority)
- ✞ Cyber Ops
- ✞ Network Security

SKILLS

- ✞ Computer networking
- ✞ Cyber security and Network security
- ✞ Windows and Linux Systems (AD DS)
- ✞ Programming Python (Network Automation
- ✞ Database systems and Systems Administration (Active Directory)
- ✞ IT auditing and Project Management
- ✞ Firewalls (Fortigate, Cisco ASA and Huawei)
- ✞ CRM ,IT support