

Brandon Nyakea

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EDUCATION

Africa Nazarene University, Nairobi, Kenya • *Bachelor of Business in Information Technology*

- **Relevant Coursework:** Computer Networks, Operating Systems, Data Structures and Algorithms

Northwest Nazarene University, Nampa, ID (*International Exchange Program*)

- **Relevant Coursework:** ArcGIS, Cyber Security, Event Driven Programming

EXPERIENCE

Mabati Rolling Mills, Athi River, Machakos

Network & System Administrator Intern May 2024 – July 2024

- Secured the company network by managing the company firewall.
- Assisted in managing users on the company network.
- Supervised fellow interns in skills acquisition.

Mabati Rolling Mills, Athi River, Machakos

Technical Assistant Intern May 2023 – August 2023

- Assisted in troubleshooting and resolving hardware and software issues for employees.
- Participated in routine maintenance and updates of software application systems.
- Gained experience in network setup and maintenance, including troubleshooting network connectivity issues.
- Worked closely with IT team members on various projects, contributing to team objectives.

ACTIVITIES, HONORS, AND SKILLS

- **Technical:** Networking (CCNA), C#, Python programming, System Administration
- **Languages:** English & Swahili (Fluent: reading, writing, speaking). German (speaking)
- **Software:** Proficiency in Microsoft 365 Copilot suite.
- **Enactus Club, ANU Chapter**, Project Manager January 2024 – September 2025

PROJECTS & TECHNICAL LABS

- **LSR Sentinel — Hybrid Algorithmic Trading Alert System:** Building the Python side of a trading alert platform, including a FastAPI agent, gate-chain alert logic, SQLite journal, and Tkinter popup system, integrated with an MT5 Expert Advisor written in MQL5
- **Linux Systems Administration:** 4+ years' experience running Linux
- **Networking & Cybersecurity Labs:** Hands-on practice with GNS3 and Cisco Packet Tracer, including running Cisco ASA virtual firewalls via QEMU, to build practical networking and network-security skills
- **Automation & Systems Programming:** Developed Python and Bash tools for task automation, and a Go-based Linux system-information utility that reads kernel data from /proc and /boot

REFERENCES

Joy Mbui

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Dennis Mararo

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