

Tunje Mutwiri Gituma

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SUMMARY

Dedicated and skilled Python developer with a Bachelor's degree in Business Information Technology. Extensive experience in ICT management, systems administration, and end-user support, with a focus on implementing and optimizing POS systems, inventory integration, and automation for enhanced reliability and performance. Proficient in Linux administration, open-source software, and cloud services. Committed to delivering high-quality, reliable code and promoting a collaborative, agile development culture.

EDUCATION

Technical University of Kenya

July 2021

Bachelor of technology (Business Information Technology)

PROFESSIONAL EXPERIENCE

Kinoti G.K Hardware

March 2024 - Present

ICT Manager

- Designed and integrated a POS system that fully supports seamless data management and inventory control, improving operational reliability and reducing downtime.
- Led the implementation of a daily automated backup solution to secure data and maintain application stability, ensuring business continuity.
- Revamped and optimized the company's website and internal systems for a more reliable user experience, incorporating real-time monitoring and alerts.
- Spearheaded M-Pesa STK Push integration on the website, increasing transactional efficiency and enhancing the customer experience.
- Overhauled POS system constraints for improved performance, resulting in a 60% increase in operational efficiency.
- Manage Linux-based servers and ensure system integrity, leveraging Linux administration skills for optimized package management and security.

County Government of Meru

May 2021 – February 2024

Intern ICT Support

- Provided hands-on support for Linux and Windows systems, handling diagnostics, installations, and troubleshooting across diverse hardware and software.
- Actively contributed to network configuration and monitoring (LAN/WAN), ensuring reliable connectivity and minimizing downtime.
- Developed documentation for user support and system configuration, aiding knowledge-sharing and enhancing operational continuity.
- Supported cloud services implementation, maintaining system configurations for enhanced reliability and security.

SKILLS

Programming Languages: Python (Advanced), C++, Visual Basic

API Development: RESTful APIs, JSON, HTTP

Cloud & Containerization: Basic experience with Docker, Kubernetes, and public cloud services (AWS, Azure)

Linux Administration: Package management, user management, server maintenance, and scripting

Web Development: HTML5, CSS3, JavaScript, Django & Flask

Databases: SQLite, MySQL, PostgreSQL, Microsoft SQL Server, Oracle Database

Other: Agile methodologies, system documentation, problem-solving, data structures, and algorithms

REFERENCES

Geoffrey Kinoti – CEO, Kinoti G.K. Hardware (k) Ltd Phone: 0718 681 339 | Email: director@kinotigk-hardware.com
Sarafin Murungi – Director of ICT, Meru County Government Phone: 0725 286 716 | Email: sarafin.mutwiri@gmail.com
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