PREVYNE OKECH ODHIAMBO

IT Technician | System Administration & Security | Python Development & Automation

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SUMMARY

Detail-oriented IT technician with hands-on experience in system administration, network configuration, and data security. Proven ability to develop and implement automation scripts that streamline setups and optimize system performance. Skilled at providing ICT support and training, making complex technical concepts accessible to diverse learners. Eager to leverage practical expertise and teaching skills to contribute to high-quality IT education as a tutor.

TECHNICAL SKILLS

ICT Support & Maintenance:
OS Installation · Windows · Linux · Hardware Troubleshooting · Software Troubleshooting · Error Logging · Diagnostics · Technical Documentation · Network Configuration · Network Maintenance · Windows Registry · Kernel Optimization

Security & Administration:
Data Security · Backup Management · Vulnerability Assessment · Kali Linux · User Access Management · Support · Inventory Tracking · Asset Tracking

Tools: VirtualBox · Hyper-V · Linux

Software & Web Development: Python · Oracle SQL Database Management · Bash Scripting · Command Prompt · Git · Version Control

EXPERIENCE

South Nyanza Sugar Co LTD
Migori, Kenya
ICT Intern
07/2024 - 09/2024

South Nyanza Sugar Co Ltd (Sony Sugar) is a sugar manufacturing company offering products packaged in various consumer sizes, including 5kg, 2kg, 1kg, ½ kg, ¼ kg, and 6gm sachets.

- Served as primary ICT contact, assisting users with hardware configuration and software installation, and managing detailed inventory logs.
- Managed network infrastructure and gained strong understanding of networking protocols (TCP/IP, DNS, DHCP, VPN, VLANs).
- Implemented robust data security measures and automated system backup routines to prevent data loss.
- Collaborated with staff to troubleshoot network issues and maximize hardware capabilities for specific workloads.
- Provided comprehensive remote and on-site support for desktop customization, including installation of operating systems, VPNs, and antivirus software.
- Trained staff members on digital safety protocols and software packages to enhance workplace security.
- Utilized advanced hardware and software tools to conduct risk assessments and maintain secure IT infrastructure.

PROJECTS

Custom Desktop Deployment Suites
09/2024 - Present

Developing a suite of scripts using Bash and Themix to automate the installation and configuration of fresh OS environments, reducing PC setup time.

- Python, Bash, Themix, Conky

Interests

- Software configuration
- System health diagnostics
- Creative customization
- Security protocols & shields

EDUCATION

Kabarak University
09/2020 - 12/2024
B.S. Information Technology

Certification

Backend ProDev Engineer - ALX | Full stack Software Engineering - PLP | Professional Foundations - ALX | Virtual Assistant - ALX