

# PREVYNE OKECH ODHIAMBO

IT Technician | Python Developer | System Administration | Security & Troubleshooting

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## SUMMARY

Detail-oriented IT Technician with expertise in Linux/Windows system administration, Python development, and security troubleshooting. Proven track record of enhancing data security and streamlining PC setups through automation at South Nyanza Sugar Co LTD. Skilled in network configuration, vulnerability assessment, and delivering technical support to optimize system performance.

## 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.

- 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