

# PREVYNE OKECH ODHIAMBO

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

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## SUMMARY

Proactive IT specialist with demonstrated success in user support and training, adept at simplifying complex technical problems for diverse users. Experienced in implementing data security measures and automating system backups to maintain stable IT operations. Strong communicator dedicated to enhancing user experience and IT reliability through hands-on support and staff education.

## TECHNICAL SKILLS

### ICT Support & Maintenance:

OS Installation and Deployment • Windows • Linux • Hardware Troubleshooting • Software Troubleshooting • Error Logging • Diagnostics • Technical Documentation • System Reporting • Network Configuration • Network Maintenance • Windows Registry • Kernel Optimization

### Security & Administration:

Data Security • Backup Management • Vulnerability Assessment • Kali Linux • User Access Management • Inventory Tracking • Asset Tracking

### 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 the primary point of contact for ICT-related needs, assisting users with hardware configuration and software installation.
- Used Kali Linux for security checks, identifying network vulnerabilities. Resolved software and hardware issues, maintaining detailed inventory logs.
- Implemented robust data security measures and automated system backup routines to prevent data loss.
- Provided remote and on-site support for desktop customization, maximizing hardware capabilities (GPU/CPU) for specific user workloads.
- Security Audits: Conducted routine security checks using Kali Linux tools to identify network vulnerabilities and ensure safe operating environments.
- Trained staff members on digital safety and software packages.
- Installed operating systems, Software packages and VPNs.
- Remote desktop assistance with Remmina and AnyDesk.

## 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

## Certification

Virtual Assistance - ALX Africa | Full-Stack Software Engineering - PLP Africa | ProDev Backend Engineering - ALX Africa