

# Alex Kinyanjui Nduta

## Systems Engineer

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## Summary

Highly accomplished Systems Engineer with over 5 years of experience specializing in Linux (Debian/UCS) and Windows server environments. I have a proven expertise in managing 1500+ node networks with 99.9% uptime and leading the migration of legacy services to modern IaC (Ansible, Terraform) and containerized architectures.

## Experience

### Snr Server/Software Specialist - Site Reliability

St Christopher's International School (SCIS) 2024–Present (promoted)

- Leadership: Directed IT operations for 700+ users, maintaining 99.8% system uptime and leading a team of 3 technicians.
- Automation: Engineered IaC workflows using Ansible and PowerShell, reducing provisioning time from 4 hours to 30 minutes.
- SRE: Reduced MTTR by 30% through proactive monitoring and structured incident response protocols.

## TECHNICAL SKILLS

- Private Cloud & Platform Engineering: Experience in public(AWS, GCP) and private Open Source cloud environments such as Proxmox, XCP-ng and multi-tenant infrastructure; AWS Certified Solutions Architect.

## SELECTED TECHNICAL PROJECTS

- [Enterprise Odoo SaaS Platform](#) | [Python](#), [Docker](#), [Kubernetes](#), [PostgreSQL](#)
  - Architected and deployed a multi-tenant ERP solution for a live commercial client, ensuring 99.9% uptime and data isolation.
  - Engineered automated backup and recovery workflows for PostgreSQL, securing critical business data.

## Education

- Nano-Degree, Software Engineering - [ALX Africa](#) | 2023-2024
- Diploma, Information Technology - [Thika Technical Training Institute](#) | 2017–2022

## Certifications

- Certified AWS Solutions Architect
- Certified AWS Cloud Practitioner