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Professional Summary

Enterprise Infrastructure & NOC Engineer with over 2 years of hands-on experience in server infrastructure, virtualization, storage administration, and enterprise networking within ISP and enterprise environments. Skilled in monitoring and maintaining core network operations, troubleshooting incidents, and ensuring high service availability. Experienced in designing, deploying, and managing heterogeneous compute and storage environments across physical, virtual, and containerized platforms. Proven expertise in SAN/NAS management, backup and disaster recovery planning, high-availability architecture, and Kubernetes orchestration. Adept at automating infrastructure processes, optimizing performance, and ensuring business continuity through proactive monitoring, root cause analysis, and cross-functional collaboration.

Core Competencies

- **Server Infrastructure:** Physical & virtual server deployment, Linux (RHEL/CentOS), Windows Server administration.
- **Storage Solutions:** SAN/NAS (iSCSI, NFS) management, LUN provisioning, zoning, volume management.
- **Virtualization:** VMware vSphere, Hyper-V, KVM – VM provisioning, optimization, and maintenance.
- **Backup & Disaster Recovery:** Data integrity checks, recovery planning, business continuity implementation.

- **Containers & Orchestration:** Docker, Kubernetes, OpenShift – container deployment, scaling, and cluster management.
- **Automation & IaC:** Terraform, Ansible, Helm, Python/Bash scripting.
- **Networking:** TCP/IP, VLANs, VPNs, BGP, firewall policies (Fortinet/Palo Alto).
- **Monitoring & Security:** Prometheus, Grafana, ELK Stack, SolarWinds.

Professional Experience

TechnOps Engineer (NOC & Backend)

Ahadi Wireless | Nov 2024 – Present

- Monitor and maintain core and access network infrastructure to ensure high availability and reliability of wireless ISP services.
- Troubleshoot and resolve network incidents, escalations, and customer connectivity issues within defined SLAs.
- Configure and support routers, switches, firewalls, and wireless access points for optimal performance.
- Perform routine maintenance, upgrades, and proactive monitoring to minimize service disruptions.
- Design, deploy, and manage production Kubernetes clusters on physical and virtual infrastructure.
- Automate provisioning of Linux-based servers using Terraform & Ansible, reducing setup time by 40%.
- Configure NAS/SAN storage (iSCSI, NFS), including LUN provisioning, tuning, and performance optimization for enterprise workloads.
- Implement RBAC, NetworkPolicies, and PodSecurity standards to enforce secure containerized environments.
- Resolve storage bottlenecks and optimize I/O performance for critical business

applications.

- Collaborate with field engineers and backend teams to ensure seamless delivery of customer and core network services.
- Document incidents, infrastructure changes, and troubleshooting procedures for operational efficiency.

Business Analyst Intern (PDTP Intern)

Kenya Revenue Authority | Jan 2024 – Nov 2024

- Supported the analysis and documentation of business requirements to align technology solutions with organizational needs.
- Gathered, validated, and analyzed data to support decision-making and identify process improvement opportunities.
- Worked with stakeholders across departments to understand business needs and translate them into actionable insights.
- Prepared reports, dashboards, and presentations to communicate findings and recommendations.
- Contributed to solution testing, implementation, and post-deployment review to ensure business objectives were met.

IT Support Technician

Rift Valley Innovation Center | May 2022 – Nov 2023

- Installed, configured, and maintained LAN/WAN infrastructure, including VLAN segmentation, VPN tunnels, and enterprise Wi-Fi access points.
- Provided first- and second-line technical support for hardware, operating systems, and enterprise applications, ensuring minimal downtime.
- Assisted in server setup and administration (Windows Server and Linux), including user account management, file sharing, and access control.
- Supported storage systems by managing shared network drives and performing regular backups to ensure data integrity.
- Installed and configured virtualization environments for lab and production use, enabling

rapid provisioning of training and demo systems.

- Led deployment and integration of CCTV/IP surveillance systems, including network video recorders (NVRs) and secure remote access.
- Monitored network and endpoint performance, applying proactive measures to prevent outages.
- Documented IT assets, network diagrams, and troubleshooting procedures for operational efficiency.

Education

BSc in Computer Science – Chuka University (Dec 2021)

Certifications

- Kubernetes and Cloud Native Associate (KCNA)
- CCNA(cisco)
- DevNet(cisco)
- HCIA Datacom (Huawei)
- Google IT Support & Cybersecurity
- Oracle Cloud Infrastructure – Generative AI
- DevOps and Site Reliability Engineering(Andela)

Technical Skills

- **Server Platforms:** Dell EMC, IBM, Lenovo, HP
- **Virtualization:** VMware vSphere, Hyper-V, KVM
- **Storage:** NetApp, Dell EMC, Huawei – SAN/NAS, iSCSI, NFS •

Operating Systems: Linux (RHEL, CentOS, Ubuntu), Windows Server •

Automation: Terraform, Ansible, Helm, Python, Bash

• **Backup & DR:** Veeam, Commvault, snapshot-based recovery

• **Networking:** BGP, VLANs, VPNs, Cisco/Huawei devices

Key Achievements

• Improved Kubernetes deployment speed by 30% through Helm automation. •

Reduced manual errors in provisioning by 40% via Terraform & Ansible. • Enhanced

storage throughput by optimizing SAN zoning and LUN mapping. • Implemented

high-availability backup processes, ensuring 99.9% data availability.