DINKAR NAGORAO KHERGADE
(RedHat Certified System Administrator)

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Professional Summary

Linux System Administrator with 3+ years of experience managing RedHat-Linux, Windows systems, and cloud infrastructure (AWS). Skilled in system optimization, automation with Ansible, and database management using PostgreSQL. Known for implementing efficient solutions, troubleshooting complex issues, and ensuring reliable IT services in enterprise and freelance environments.

Certifications

- **RedHat Certified System Administrator (RHCSA)**
  Certification ID: 220-116-800
- **NDG Linux Unhatched (Cisco)**

Work Experience

A] Linux System Administrator

Hewlett Packard Enterprise (HPE), Mumbai
February 2023 – Present (Third-party payroll: Aforeserve.com ltd.)

- **System Administration**: Managed and supported RedHat-Linux 7.5 and ensuring 99.9% uptime for critical systems.

- **Hardware Management**: Supported enterprise-grade HP hardware, including **HP ProLiant DL360 Gen9**, **MSA-2050**, and **MSL-2024**, ensuring optimal performance and availability.

- **Server Patching & Updates**: Performed operating system patching, kernel updates, and firmware upgrades across multiple environments, ensuring system compliance and security.

- **Cluster Management**: Administered and troubleshot RedHat Cluster environments, enabling high availability for production systems.

- **Storage Management**: Configured Logical Volume Manager (LVM) for efficient storage allocation, including resizing and troubleshooting volume groups.

- **Backup & Recovery**: Ensured data safety by supporting backup operations with HP hardware and QStar application for tape libraries.

- **Monitoring**: Utilized **Grafana** to proactively monitor system performance and resource usage, identifying and resolving issues before impacting end users.

- **Tools & Virtualization**: Hands-on experience with **iLO**, **VMware**, **Mobaxterm**, and **VNC Viewer** for server management and remote troubleshooting.

- **Database Administration**: Performed PostgreSQL database management tasks, including backup, recovery, and query optimization for system reliability.

- **Documentation & SOPs**: Created Standard Operating Procedures (SOPs) for system management tasks and prepared incident reports, ensuring knowledge transfer and compliance with organizational policies.

Key Achievements:

- Reduced patching cycle time by 40% through automation and efficient YUM repository management.
- Minimized unplanned downtime by proactively resolving hardware and cluster-related issues, achieving a 20% improvement in system reliability.
- Led a successful server migration project involving clustered VMs, ensuring zero data loss and minimal service disruption.

B] Linux System Administrator Intern

GRRAS Linux Training and Development Centre

March 2022 to August 2022

- Handled user administration and Linux server management.
- Diagnosed and resolved server-related issues.
- Supported clients through email and chat channels.

C] Desktop Support and Hardware Specialist

Freelance | Dec 2018 – Jan 2022

- **PC Assembly and Configuration**: Assembled productivity, gaming, and server PCs for individual clients and businesses, tailoring configurations to meet performance and budget requirements.

- **NAS Server Management**: Set up and configured **Network-Attached Storage (NAS)** servers to provide secure, centralized storage solutions for small businesses.

- **Hardware Troubleshooting**: Diagnosed and resolved hardware issues, including faulty motherboards, power supplies, and storage devices, minimizing downtime for clients.

- **Client Support**: Provided on-site and remote technical support for hardware and software issues, achieving a client satisfaction rate of over 95%.

- **Post-Sales Support**: Delivered hands-on training and support for end users, ensuring they could effectively use newly deployed systems and hardware.

Key Achievements:

- Built and deployed over 50 customized PCs and NAS solutions for small businesses and individual clients, Improved small business clients' data security by implementing reliable NAS and RAID solutions.

Technical Skills

- **Operating Systems:** Linux (RHEL 7.5, 8.0), Windows

- **Virtualization and Cloud:** AWS (EC2, VPC, AMI, Snapshots, Volumes), VMware

- **Automation:** Ansible (Roles, playbook optimization)

- **Databases:** PostgreSQL, SQL

- **Monitoring Tools:** Grafana, Putty, Mobaxterm, iLO, VNC

- **Basic Web Development**: HTML, CSS, JavaScript, python

AWS Cloud Management

- Configured and managed Linux and Windows EC2 instances across VPCs.
- Created AMIs, managed snapshots and volumes, and set up VPC peering.

Ansible Automation

- Developed roles for task automation and playbook simplification.
- Streamlined repetitive processes, enhancing deployment speed and reliability.
- **Inventory Management**: Managed dynamic and static inventories to handle hosts across multiple environments (e.g., staging, production).

Educational Qualifications

- **Bachelor of Engineering (BE)** – RTMNU, 2017
- **12th HSC** – Maharashtra State Board, 2013
- **10th SSC** – Maharashtra State Board, 2011

Professional Strengths

- Strong troubleshooting and problem-solving skills in system administration.
- Collaborative team player with a focus on capacity planning and delivery.
- Enthusiastic about learning new technologies and industry trends.

Personal Details
- **Date of Birth:** 29-12-1995
- **Nationality:** Indian
- **Languages:** English, Hindi, Marathi
- **Address:** Nagpur, Maharashtra - 440035