DINKAR NAGORAO KHERGADE
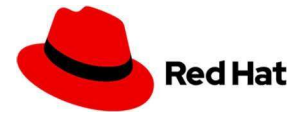
✉ **Email:** dinkar.khergade1995@live.com

❗ **Contact:** +91-8208610851, +91-7507904329

🖺 **Website:** https://ronend-ai.github.io/dinkarkhergade/

🖳 **GitHub:** https://github.com/RONENd-AI

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 – January 2026 (Third-party payroll: Aforeserve.com ltd.)

- **System Administration**: Managed and supported RedHat-Linux 7.5 and Windows Server environments, 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.

- **Automation with YUM**: Built and maintained private YUM repositories to streamline OS updates, reducing deployment times by 30%.

- **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.

- Optimized resource monitoring using Grafana, improving performance issue detection by 25%.

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.
- **RAID Implementation**: Configured RAID levels (RAID 0, 1, and 5) for data redundancy and performance improvements in server environments.
- **Windows Server Administration**: Gained foundational experience in **Windows Server** management, including user account creation, file sharing, and security configuration.
- **Hyper-V Virtualization**: Configured and maintained Hyper-V virtual machines, enabling clients to run multiple operating systems on the same hardware.

- **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.

- Reduced troubleshooting time for hardware issues by 30% through systematic diagnostic techniques.

- 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

SQL Proficiency

- Skilled in SQL for database management and complex querying.

- Experienced in creating, modifying, and maintaining PostgreSQL databases.

- Proficient in data retrieval, manipulation, and analysis with SQL.

Linux System Administration (RHEL 7.5 & 8.0)

- Proficient in Linux installation, user administration, and filesystem management.

- Experienced in SELinux configuration, LVM, and cron job scheduling.

- Familiar with shell scripting and package management using RPM and YUM.

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** – 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