

# Nikhil Gupta

## System Engineer

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### PROFILE

Having 5 year of Experience as a Linux, VMware and Active Directory with knowledge on REDHAT ,SUSE Linux, VMWare, Ansible and SAN Storage. My expertise includes Data Center, VMware, Linux, Storage and Networking and Ansible. I have Knowledge in SUSE and RHEL OS Troubleshooting, Patching and OS upgradation, and Resolving LVM issues.

### PROFESSIONAL EXPERIENCE

#### Senior System Engineer

*Akash Educational Services Limited*

11/2025 – Present  
Gurugram, Haryana

- Managing 400+ Virtual Servers and 70+ AWS instance of AESL.
- Managing 50 Physical Servers and 10 SAN Storage under AESL Project.
- Managing the Active Directory.
- Managing the SUSE Servers.

#### System Engineer

*SmartX Technologies*

01/2024 – 11/2025  
Gurgaon, Haryana

- Managing 250+ virtual Servers and 20+ AWS instances of IOCL (CGD Operation Department).
- Managing 20 Physical Servers and SAN Storage Under the CGD Project.
- Installation, Configuration and troubleshooting the SUSE , RHEL and VMware.
- Network Backup of Switches and NFS Rearbackup of Servers.
- Troubleshoots the problems in Physical Servers of Cisco and Hitachi.
- DataStore and LUN management in SAN storage VSP.
- Space Management with LVM.
- Monthly OS patching in RHEL and SUSE linux by suse manager and Satellite server.
- OS Upgradation from SP2 to SP4 in SUSE and RHEL 8 to 9.
- ESXI Upgrade from 7.0.3 to 8.0.1.
- VM creation and Network Configuration as per client requirement.
- Incident and Change Management in Smax (Ticketing Tool).
- Firmware Upgrade on Cisco and Hitachi Servers.
- Raise Case to SUSE, RHEL and VMware for some critical issue.
- Resource Enhancement on Servers by coordinating with concern team.
- Troubleshooting of system boot level errors (Maintenance Mode, Grub Mode and Kernel panic).
- Sudo Access, Kernel Upgradation and Swap Memory.
- SSH Passwordless authentication during Ansible Configuration.
- Basics of Shell Scripting and Ansible Ad-hoc commands, Playbook Execution with loops and conditionals.
- Basic Knowledge of Git.
- Creating and Managing AWS EC2 instances.

#### Linux Administrator

*IP Solutions Technologies*

05/2021 – 01/2024  
Kanpur, Uttar Pradesh

- Perform day to day Technical Support-Analyzing, Troubleshooting and Resolving Technical Problems related to Servers.

- Managing Installation and Update of Linux Servers.
- Experience on Root Password recovery CentOS, Redhat and SUSE.
- Experience on patching and migration in RHEL 7 to 8.
- Experience on LVM like recover a deleted LVM without any backup and with backup snapshot.
- Knowledge of ACL and Process Management.
- Implementing File Permission for the Users and Groups.
- Configuration of Apache with SSL, NFS, Samba, iSCSI Servers.
- Perform the task of Scheduling jobs using CRONTAB Utility.
- Configure and Manage NFS server.
- Working knowledge of SSH with Password-less Authentication.
- Basic Understanding of Clustering.
- Understanding of OS hardening.
- Basic Knowledge on Bash Shell Scripting.
- Knowledge of CCNA and Microsoft Server.

## SKILLS

- RHEL7, RHEL8, SUSE and UBUNTU
- LVM, RAID and SSH
- Monitoring Tools - CHECKMK, NNMi, VROPS, Storage Navigator.
- Ansible
- VMware Vcenter and ESXI
- Patching and OS Upgradation
- NFS, SAMBA, Apache
- Data Center
- VSP SAN Storage
- Git
- Ticketing Tool - Smax
- CCNA
- Docker

## PROJECTS

### **CGD (City Gas Distribution) in Operation Department**

*Hitachi vantara*

## EDUCATION

### **Diploma in Information Technology**

2020 – 2023

*Government Polytechnic Kanpur*

**marks : 82 %**

## TRAINING CERTIFICATES

- RHCSA