

# Mayur Dhotre

## System Administrator

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**Portfolio:** <https://cloudchampmayur.cloud>

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**OBJECTIVE:** Detail-oriented and motivated IT professional seeking a System Administrator position to leverage foundational knowledge in Linux and Windows server administration, along with strong troubleshooting skills, to ensure optimal system performance and reliability..

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### WORK EXPERIENCE:

#### System Administrator Intern @ Hisan Labs (pune)

Nov-2023 to Present

*Hisan Labs is a technology company specializing in providing innovative IT solutions, including cloud services, application development, and system integration.*

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### KEY SKILLS:

- **Operating Systems:** CentOS, Ubuntu, Amazon Linux
  - **Security Management:** Firewall, SELinux
  - **Web Servers:** Apache, Nginx
  - **Network Troubleshooting:** Ping, Traceroute, Netstat
  - **Performance Monitoring** Top, Htop, Top
  - **Remote Access:** SSH
  - **Networking Services:** FTP, Nfs, Http & HTTPS
  - **Disk Management:** fdisk, partprobe
  - **Backup Solutions:** Rsync, Tar, Cron Jobs
  - **User Management:** User Accounts, Groups, Permissions
  - **Sytems Logs:** Syslog
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### ROLES & RESPONSIBILITIES:

#### Linux System Administration:

- **System Administration:**
  - Managed multiple Linux servers (CentOS, Ubuntu, Amazon Linux), ensuring optimal performance and security through regular updates and patch management.
  - Configured and maintained user accounts, groups, and permissions to enforce security policies and access controls.
- **Performance Monitoring and Optimization:**
  - Monitored system performance using tools like top, htop, and netstat, identifying and resolving performance bottlenecks to enhance system efficiency.

- **Security Management:**
    - Secured Linux systems by implementing firewalls , SELinux policies, and configuring Sudo privileges to restrict unauthorized access.
  - **Automation and Scripting:**
    - Developed shell scripts to automate routine tasks, such as system monitoring, backups, and log management, reducing manual intervention and errors.
    - Scheduled automated tasks using cron, ensuring timely execution of maintenance scripts and backups.
  - **Disk and Storage Management:**
    - Managed disk partitions and file systems using tools like fdisk and partprobe.
    - Monitored disk usage and performance, performing regular maintenance to prevent issues.
  - **Virtualization and Containerization:**
    - Managed virtual machines using hypervisors (e.g., VMware, VirtualBox) to optimize resource utilization.
  - **Troubleshooting and Support:**
    - Provided support for troubleshooting issues in Linux environments, resolving incidents related to system performance, application deployment, and network connectivity.
    - Collaborated with development teams to diagnose and fix application-related issues in production environments.
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## EDUCATION:

- **Bachelor of Computer Engineering** (2019-2023)  
Indira College of Engineering & Management. (Pune, Maharashtra)
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## PERSONAL DETAILS:

- **Date of Birth:** 15 Sep 2002
- **Language:** Marathi, Hindi, English