


# Sachin Yadav

📍 Mumbai, Maharashtra 400065

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DevOps Engineer with strong experience in Linux server management, Docker, Kubernetes, and Openshift. Skilled in automation with Ansible and experienced in setting up CI/CD pipelines using Jenkins and Git. Proficient in MySQL database management and network troubleshooting. Committed to improving infrastructure and optimizing performance.

## Skills

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- **Linux:** Ubuntu, RHEL, Centos
- **Cloud :** AWS
- **Containerization:** Docker , Kubernetes ,OpenShift
- **Version Control:** Git
- **Automation:** Ansible
- **Pipelines:** Jenkins
- **Virtualization:** Basic VMware & Nutanix, OpenShift Virtualization
- **Database:** MySQL

## Work Experience

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### Technical Engineer

#### Hitachi System India Pvt. Ltd.

December 2023 - Present

- Installation and configuration of various flavors OS Like RHEL, Centos & Ubuntu on BareMetal.
- Linux Server Support Advance Linux Troubleshooting Kernel Patching and additional installation Packages using RPM and YUM Troubleshooting Linux.
- User and Group management, Analyzing and Rectifying Booting Issues. Disk Management, LVM (Logical Volume, Volume Group)
- Docker for deployment for some application ,created private Docker registries (local and centralized).
- Kubernetes cluster setup with kubectl , Creating and manage deployment of application.
- Canary and Blue-Green Deployment of applications in Kubernetes.
- Kubernetes cluster hardening with CIS benchmarks.
- Openshift cluster on VMware ESXi and Nutanix using IPI Method and On BareMetal using assisted installer.
- Installing and configuring OpenShift Virtualization operators to create VMs OCP cluster.
- Installing and configuring OpenShift Pipelines for deploying applications in OCP cluster.
- Ansible automation platform setup (Single Node) for automation.
- Creating Ansible playbook, Ansible roles, Ansible handlers.
- Managed and configure hosts such as windows, Linux(Harding, Patching) using ansible.
- Integration of Jenkins with GitHub, Ansible, docker , Kubernetes & more tools to create CI/CD pipelines to automate the application development.
- Creating CI/CD pipelines for applications deployment in Kubernetes cluster.
- Data Center(DC) and Disaster Recovery Workflow setup using ansible and Github.
- MySQL Replication

## Linux System Administrator

### Ahana systems & solutions Pvt. Ltd.

August 2022 – July 2023

- Automated Quality Check Servers support logs generation/sharing & troubleshooting etc.
- Giving support under infrastructure management service.
- Configure Server and OS installation like Linux, Windows, and VMware.
- Server Health Check up on daily bases.
- Check performance and Utilization of servers.
- Understanding and coordination with customer.
- Performance monitoring and resource utilization.
- Disk management (LVM and Raid). Configuring & Managing Linux servers.
- Installation and troubleshooting red hat Linux all flavors OS. Configuration and management of standard Linux services like SSH, FTP, NFS and Auto Mount, LDAP etc.
- Users and Groups Creation, Profile editing and Administration
- NTP, Samba, NFS server & Apache Server Configuration of LVM and managing the volumes
- Working with Docker Containers and working with git for codes deployment
- Docker for deployment to run applications in containers.
- Automate the deployment of applications using ansible and manage application's source code using GitHub.

## Education

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Bachelor of Science in Information Technology( <b>University of Mumbai</b> )	2019 – 2022	8.6CGPA
HSC	2017- 2019	74%
SSC	2015 – 2017	81%

## Languages

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- Hindi
- English
- Marathi