

# Abhishek Sharma

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## Education

### State University

Masters in Computer Application from Jain University.

May 2024 – May 2026

India, Bangalore

## Relevant Coursework

- |              |                       |                  |             |
|--------------|-----------------------|------------------|-------------|
| ● AWS Cloud  | ● Linux Administrator | ● Ansible        | ● Jenkins   |
| ● Docker     | ● Kubernetes          | ● Bash Scripting | ● CI/CD     |
| ● Git/GitHub | ● Grafana             | ● Python         | ● Terraform |
| ● Patching   |                       |                  |             |

## Experience

### Wipro Limited

DEC 2020 – Present

Linux Administrator | Indian AirForce Project

India, New Delhi

- Manage and maintain cloud infrastructure on Azure, AWS platforms, ensuring high availability, scalability, and security for various business-critical applications.
- Automated infrastructure provisioning and application deployments using Ansible and Jenkins reducing deployment time by 50%.
- Established and maintained CI/CD pipelines, integrating Git, Jenkins and DockerHub, resulting in a 40% increase in software delivery efficiency.
- Monitored system performance and Prometheus, Nagios, Grafana, and custom monitoring solutions, reducing downtime by 20%
- Created robust scripts that automated essential client/server operations, leading to a reduction in manual processes by over 200 actions per month, ensuring improved stability and performance of the systems utilized.
- Engineered comprehensive system administration protocols for Ubuntu environments, enhancing security policies and backups; implemented changes that protected sensitive data for over 200 users without any breaches.
- Engineered configuration management solutions through targeted scripting in Bash, identified and resolved three major sources of system delays which improved response times during peak operations without compromising service quality or security standards.
- Conducted thorough assessments of resource allocation, optimizing server utilization and reducing downtime by 25%; developed a monitoring dashboard that allowed real-time tracking of performance metrics across all servers.
- Developed comprehensive documentation for system configurations, procedures, and troubleshooting steps; established a centralized resource that enhanced team knowledge sharing and reduced response time to issues by 40% in the first quarter.
- Increased operational efficiency by diagnosing storage performance issues through hands-on troubleshooting with SAN devices; documented findings that led to improved response time for incidents by 35%, ensuring optimal system performance
- Monthly security patching for all Linux-based machines.

Linux Administrator | ICICI bank

NOV 2019 – NOV 2020

- Performed end-to-end installation of various Linux distributions including RHEL, CentOS, Ubuntu, and SUSE across physical and virtual environments.
- Configured system settings, network parameters, storage partitions (LVM), and security policies during OS installation.
- Automated OS deployments using Kickstart, PXE boot, and preseed files for scalable provisioning.
- Applied regular security and kernel patches using yum, dnf and apt in production and staging environments.
- Scheduled and tested OS patches in accordance with change management policies to ensure minimal downtime.
- Automated patching using Ansible and cron scripts for fleet management.

- Diagnosed and resolved issues related to system performance, boot failures, kernel panics, disk space, and networking.
- Provided 24/7 on-call support for high-availability Linux environments.

## Vara united Limited

**JAN 2019 – OCT 2019**

Linux Administrator | Yes bank

India, New Delhi

- Applied regular security and kernel patches using yum, dnf, apt in production and staging environments.
- Scheduled and tested OS patches in accordance with change management policies to ensure minimal downtime.
- Performed end-to-end installation of various Linux distributions including RHEL, CentOS, Ubuntu, and SUSE across physical and virtual environments.
- Provided 24/7 on-call support for high-availability Linux environments.

## Technical Skills

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- **Cloud Platforms:** AWS, Azure
- **Containerization:** Docker, Kubernetes
- **Version Control:** Git
- **AWS Core Services:** EC2, VPC, IAM, ELB, S3
- **CI/CD Tools:** Jenkins
- **Configuration Management:** Ansible
- **Infrastructure as Code:** Terraform
- **System Performance Monitoring:** Grafana, Prometheus
- **Scripting and Automation:** Bash, Python
- **Operating Systems:** Linux (RedHat, Ubuntu, Unix), Windows server

## Certifications & Licenses

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1. Training Certification of RedHat Linux RHCSA Training from KR Network Cloud.
2. Training Certification of Red Hat Ansible (RHCE) Training from KR Network Cloud.
3. Training Certification of AWS Solution Architect Training from KR Network Cloud.
4. Training Completion Certification of Docker & Kubernetes Training from KR Network Cloud.
5. Red Hat Certified System Administrator (RHCSA) on RHEL – 8
6. Training Completion Certification of Hardware, Windows Server and Networking from Jetking.

## Projects

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### 1. CI/CD pipeline using GitLab:

**Description:** A robust Continuous (CI/CD) pipeline utilizing GitLab to automate the building, testing, and deployment of containerized apache applications on Amazon Elastic Container Service (ECS). Configured GitLab pipelines for building, testing, reducing manual intervention and accelerating release cycles by 40%.

**Technology Used:** GitLab+ Jenkins, Docker, apache2, AWS, Bash scripting