

# Tushar Urkude

Linux System Administrator

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## Experience

October 2021 – Present  
Linux System Administrator  
DCIT Support, Nagpur

## Objective

To learn and function effectively in an organization and be able to deliver to the bottom-line.  
To constantly upgrade my knowledge and skills and make a difference in whatever I do.

## Education

B.Sc. in Mathematics  
Gondwana University

## Summary

- ❖ A confident and reliable Linux administrator with more than 2 years of experience in working with information technology.
- ❖ Responsible to handle all basic incidents regarding Linux Server.
- ❖ Experience on VMware, Virtualization and VMware ESXi environments.
- ❖ Ability to administrate and control the operation.
- ❖ Ability to multi-task under pressure.

## Key Skills

**Operating System**  
RHEL 6/7 & CentOS 6/7

### Security

SSH, SSL, IPTABLES

### Protocols

TCP/IP, NFS, SMB, DHCP  
SSH, HTTP, VSFTP, DNS  
SMTP, POP3, IMAP

### Database Server

MySQL, MariaDB

### Web/App Servers

Apache, Nginx

## Roles and Responsibilities

- ❖ The primary responsibility is to carry out day-to-day tasks of System Administration.
- ❖ Good knowledge of Linux operating systems like **RedHat 6/7, CentOS 6/7, Ubuntu**
- ❖ Manage and handling the multiple Virtual Machines on **Oracle, VMware Workstation & VMWare Esxi.**
- ❖ Installing and configuring new servers based on requirements.
- ❖ Apache web server maintenance, installation, configuration, hosting including, name-based, secure.
- ❖ Hosting the web sites with **cPanel & WHM.**
- ❖ Handling the **user management** where I am creating and deleting users and groups as well as modify permissions as per requirement.
- ❖ Change ownership of files and set permissions on file system for owner, group and others.
- ❖ Installation other package from repository via **Yum & RPM** installation.
- ❖ **Hardening** the servers for avoiding vulnerabilities and security flaws.

### Monitoring Tool

Nagios, Nmap, Top

### Backup Tools

Tar, Zip, Scp

Rsync, Dump

### Package Management

RPM, YUM Server, Third party packages like EPEL

### Mail Server

Postfix

### DevOps Tools

Docker, Docker-Hub

Git, Git-Hub

Ansible, Chef

- ❖ Add new partitions, logical volumes and swap when the amount of physical memory (RAM) is full.
- ❖ File System operations (Create, mount, unmount and remove) as per requirement.
- ❖ Managing of Partitions and File System using Logical Volume Manager and fdisk command.
- ❖ Maintaining **LVM** & Implement **RAID** over LVM.
- ❖ Troubleshooting and Configuration of **SSH, FTP, NFS** and **APACHE** Server.
- ❖ Database Knowledge with **MYSQL / MariaDB** with database optimization, replication, backup and restore.
- ❖ Taking backup on Linux server by using **Rsync, Zip and Tar**.
- ❖ Maintaining Postfix mail server.
- ❖ To schedule programs to run automatically at predetermined intervals I setup **cronjobs**.
- ❖ Worked on **NAGIOS** for Monitoring Linux and windows servers such as Disk space utilization, CPU utilization, Memory utilization.
- ❖ **DevOps** use to smooth Operations and Automations.
- ❖ Write **Docker files** and build docker images
- ❖ Source code management with the help of **Git**. Push repository in to the **Git-Hub** as well as pull repository from the Git-Hub
- ❖ Configure and manage multiple servers from one server with the help of **Ansible & Chef**

### Declaration

I do here by declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

**PLACE:**

**DATE:**

**Signature**

**Tushar Ramesh Urkude**