

**Bhanu Pratap Singh Bhadauria**

#114 1st main 1st cross, Valiykal Layout  
Nagawara, Bangalore

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**OBJECTIVE:**

To work in a challenging atmosphere by exhibiting my skills with utmost sincerity and dedicated smart work for the growth of your esteemed organization along with mine.

**ACADEMIC DETAILS:**

Degree/Course	University / Board	Year	Percentage
Batchelor of Computer Application from	ICFAI University Tripura	2016	CGPA: 6.3
Senior Secondary	C.B.S.E.	2012	66%

**WORK EXPERIENCE:**

3+ Years of work experience in Wipro Technologies

**Projects:****JFL**

Official website: (<http://www.jubilantfoodworks.com>)

2+ year experience as windows/Linux admin

**Key responsibilities:**

OS installation, software and patch management

Linux file system, boot process, run level, driver installation etc.

**SAP Labs India:**

Official website: (<https://www.sap.com/india/about.html>)

1+ year experience as Linux/Unix/AWS Admin and currently working in this project.

**Key responsibilities:**

Managing/deploy Linux instances, Mac mini servers,

SME level support for SAP customised Linux images, i.e. SUSE(SLES), Red hat, Ubuntu to Hana developers.

## TECHNICAL SKILLS

As a Linux admin, I am skilled in

### Security:

- Configure firewall settings using firewall-config, firewall-cmd, or iptables Configure key-based authentication for SSH
- Set enforcing and permissive modes for SELinux List and identify SELinux file and process context Restore default file contexts
- Use boolean settings to modify system SELinux settings Diagnose and address routine SELinux policy violations

### Users and groups management

- Create, delete, and modify local user accounts
- Change passwords and adjust password aging for local user accounts
- Create, delete, and modify local groups and group memberships
- Configure a system to use an existing authentication service for user and group information

### Deploy, configure, and maintain systems

- Configure networking and hostname resolution statically or dynamically
- Schedule tasks using at and cron
- Start and stop services and configure services to start automatically at boot
- Configure systems to boot into a specific target automatically
- Configure systems to launch virtual machines at boot
- Configure network services to start automatically at boot
- Install and update software packages from Red Hat Network, a remote repository, or from the local file system
- create static routes
- Use firewalld and associated mechanisms such as rich rules, zones and custom rules, to implement packet filtering and configure network address translation (NAT)
- Configure a system to authenticate using Kerberos
- Configure a system as either an iSCSI target or initiator that persistently mounts an iSCSI target
- Produce and deliver reports on system utilization (processor, memory, disk, and network)
- Use shell scripting to automate system maintenance tasks

## **Create and configure file systems**

- Create, mount, unmount, and use vfat, ext4, and xfs file systems
- Mount and unmount CIFS and NFS network file systems
- Extend existing logical volumes
- Create and configure set-GID directories for collaboration
- Create and manage Access Control Lists (ACLs)
- Diagnose and correct file permission problems

## **Operate running systems and processes**

- Interrupt the boot process in order to gain access to a system
- Identify CPU/memory intensive processes, adjust process priority with renice, and kill processes
- Locate and interpret system log files and journals
- Access a virtual machine's console
- Start and stop virtual machines
- Start, stop, and check the status of network services Securely transfer files between systems
- Archive, compress, unpack, and uncompress files using tar, star, gzip, and bzip2 List, set, and change standard ugo/rwx permissions

## **Network services**

### **HTTP/HTTPS:**

- Configure a virtual host
- Configure access restrictions on directories
- Deploy a basic CGI application
- Configure group-managed content
- Configure TLS security

### **DNS:**

Configure a caching-only name server  
Troubleshoot DNS client issues

### **NFS:**

Provide network shares to specific clients  
Provide network shares suitable for group collaboration  
Use Kerberos to control access to NFS network shares

### **SMB:**

Provide network shares to specific clients  
Provide network shares suitable for group collaboration

**SMTP:** Configure a system to forward all email to a central mail server.

**SSH:** Configure key-based authentication

**NTP:** Sync time using other NTP peers

As DevOps engineer I am skilled in

#### **AWS Cloud computing (AWS certified developer)**

- Design, develop and deploy cloud based solutions using AWS
- Understand the core AWS services, uses, and basic architecture best practices Develop and maintaining applications written for Amazon Simple Storage Services (S3)
- DynamoDB, Amazon Simple Queue Service (SQS), Amazon Simple Notification Service (SNS)
- Simple Workflow Service (SWS), AWS Elastic Beanstalk, and AWS CloudFormation

#### **Configuration management tool (Ansible)**

- Using Ansible inventories to define groups of hosts
- Creating Ansible playbooks
- Using Ansible playbooks to configure systems to a specified state
- Creating and using Ansible templates to create customized configuration files for hosts Creating Ansible roles
- Using Ansible Vault in playbooks to protect sensitive data Installing
- Ansible Tower and using it to manage systems

#### **Version control using Git and GitHub:**

Configuring git in local machines and connect with to a centralised repository, i.e. GitHub repository

#### **CI & CD using Jenkins:**

- Building continuous delivery pipelines
- Source code management
- Security
- Fingerprints
- Artifacts

#### **PERSONAL PROFILE:**

- Date of Birth : 05-08-1994
- Marital Status : Single
- Nationality : Indian
- Known Languages : English, Hindi
- Hobbies : Adventure games, i.e. Bungee Jumping, Paragliding, Reading Books, Listening Music, Exploring GitHub, Playing Cricket and lots more.

#### **DECLARATION**

I hereby declare that all the particulars furnished by me are in this application are true correct and complete to the best of my knowledge and belief.

Date :

Place : India



**BHANU PRATAP SINGH  
BHADAURIA**