 **Prasanna Kandula** Mobile: **9738309630**

Senior Systems Engineer Email: **prasannakandulasse@gmail.com**

**Career Profile**:

Linux administrator, with a strong performance background in wide variety of professional system support and solution-based IT services for Linux Systems (or administrations) including, monitoring, configuration, troubleshooting and maintenance of operating systems.

**Professional Summary:**

* Having 6+ years of experience in System Administration as Primary responsibilities for supporting and maintaining Red hat Linux OS.
* Supported Linux servers in production/QA environments.
* Working experience in 24/7 environment.
* Configure, support and perform routine maintenance of hardware and software for linux servers
* Good Working knowledge on LOGICAL Volume manager.
* Implementing and Managing NFS services.
* Administrating the different Packages using RPM & YUM.
* Experience on Scheduling of automatic repetitive jobs with Crontab.
* Experience on Backup, Restore using tar.
* Creating and managing User and Group accounts.
* Experience on Installing and configuring of Linux servers using Kickstart.
* Experience on Installing Redhat Linux using Network Installation.
* Have Knowledge on Linux RAID levels.
* Creating and Managing Swap.
* Have Knowledge on Kernel up gradation.
* Have knowledge in Boot loader in Linux.
* Maintaining Linux Quota System (User & Group Quota Allocation).
* Resolving mount point full issues like /var, / and other application file systems
* Monitoring Server processes using ps, top, Vmstat and reviewing logs for failures.
* Administrative commands, configuration files and log files
* Process Management and Performance Monitoring.
* Provided Technical supports for internal users and resolved trouble shooting tickets.
* Coordinating with Hardware, Application and Oncall teams to fix the issues and reduce the Downtime as less as possible
* Good knowledge with ITIL process Like Incident management, Problem Management ,change Management, configuration management

# Work Experience

Working with **TATA Consultancy Services**, Bangalore as a Linux Administrator from July-2017 to till date

Worked with **Infosys Limited**, Bangalore as a Linux Administrator from October-2013 to July-2017

# Education

* **B.Tech** from Jawaharlal Nehru Technological University, Kakinada.

# Technical proficiency

OS and Appliances: Red hat Enterprise Linux 6.5, OEL 6.5, MAC OS 10

Hardware: Hp, ZT, IBM, Quanta, HYVE and Inspurus

Server configurations: FTP, NFS, SAMBA, DHCP, MAIL, SQUID PROXY.

Package Administration: RPM, YUM

Monitoring Tools: Epic, nmSys, Nagios, Splunk

Ticketing Tools: Espresso, Central Station, Service now

Special software: Verdad and ITrac.

**JOB ACTIVITIES**

**Employer 2:**

Company**: TCS**

Client:  **APPLE** ISO.

Role: Senior Systems Engineer

Experience: From July 2017 to Till date

**Responsibilities:**

* Incidents management using nmSys (Nagios)
* System administration, maintenance and monitoring various day-to-day Operations
* Troubleshooting Booting problems and Boot loaders problems
* Package management with RPMs & YUM management in Red hat Linux.
* Implementing Access Control Lists (ACLs).
* System monitoring, maintaining server logs, job scheduling
* Managing SSH for securing the server
* Resolving mount point full issues like /var, / and other application file systems
* Monitoring Server processes using ps, top, Vmstat and reviewing logs for failures.
* Administrative commands, configuration files and log files
* Experience in Disk replacement
* Handling ping, down, Drive , firmware and other hardware issues
* Manage user accounts, groups, hosts,file systems
* Configuring the FTP server to maintain the shared folder within the organization
* Configuring SAMBA(SMB), NFS.
* Building Linux systems using PXE installation for Application team.
* Updating OS Kernel and Patches
* Troubleshooting OS Performance issues reported by application team.
* Coordinating with Hardware, Application and Oncall teams to fix the issues and reduce the Downtime as less as possible
* Writing Bash scripts to simplify the regular maintenance activities
* Configuration Management using Verdad and Puppet Agent for Automation

**Employer 1:**

Company**: Infosys**

Role: System Engineer

Experience: From October 2013 to July 2017.

**Responsibilities:**

* Installation & Configuration Redhat Enterprise Linux 5.x, 6.x Network servers with SAMBA, FTP server.
* Monitoring System Performance issues like Memory, CPU and Disk utilization.
* Configure NFS and autos clients for file sharing.
* Configuring LVM and managing the volumes.
* Security implementation through ACL, Setgid, Setuid and Sticky bit
* Maintaining Linux Quota System.
* Applying Packages using RPM and YUM installation,
* Creating and managing Users and groups.
* Disk configuration & Managing file systems.
* Scheduling of automatic repetitive jobs with Crontab.
* Good knowledge of creating and managing the swap.
* Configuring, Maintaining and Troubleshooting Server and Client Systems enabled with NFS with Auto mount services.
* Implementing Sudo on users.
* SSH configuration generating Public key & Private Key.
* Installing and configuring of Linux servers using Kickstart.
* Regular backup using tar command and scheduling the jobs using Crontab.
* Provided Technical supports for internal users and resolved trouble shooting tickets
* Configuring NFS Server side & client side
* Mounting NFS Exports on NFS Clients through manual mounting and Auto mounting.
* Handling the NFS mounting & Unmounting Issues
* Configuring VSFTPD uploading & downloading the files.
* Configuring & Implementing FTP for Anonymous & Private users.
* Samba Configuration & implementing for sharing the files between Linux to windows.

(Prasanna)