# Linux Administrator

**Santhosh Kumar Puppala**

**Email: santhosh0059@gmail.com**

**Cell: +91 9603613602**

**Objective :**

To become a successful professional in the field of Linux environment and be a part of globally competitive environment where I can enrich my technical abilities & contribute ideas that shall yield the twin benefits of the professional growth & accomplishment of organizational goals.

**TECHNICAL SKILLS**

• Installation and configuration of CENTOS,RHEL on HP and DELL servers and

Workstation

• Installation and configuration of CentOS 6/7, RHEL 5/6 on both standalone and

virtual environment.  
• Full understandings of LINUX file system, boot processes   
• Taking the backup and restoring the MBR and boot loaders by using dd utility   
• Performance Monitoring & Kernel Parameters Tuning in RHEL   
• Installation and Managing of Packages   
• Automation of jobs using AT & CRON scheduler   
• User Account management - Users and Group creation and Customization   
• Monitoring Disk status, System processes, User Process activity, Memory activity,

Network activity, using ps, finger, free, vmstat, w, uptime, mpstat, ss, netstat and top

utilities   
• Memory and Swap Space management.

• Creating shell scripts to monitor systems to reduce downtime of the Linux servers.  
• Taking backup and restoring by using tar and dump utilities   
• Setting up file, folder permission using by ACL, SUID, GUID and Sticky bit   
• Performing system recovery during system failures   
• Disk administration - creating partitions, file system, labeling using fdisk & paretd.  
• Configuring and managing software Raid using mdadm.   
• Configuring and administering LVM.   
• Adding, configuring and managing ISCSI targets.   
• Limiting disk usage for users and groups by implementing DISK QUOTA.   
• Swap configuration using file and partitions.   
• Configuring and administering Network Time Protocol.   
• Configuring and administering web servers using Apache.   
• Configuring and administering DHCP server.   
• Configuration of fileservers using Samba, NFS and troubleshooting.   
• Installation of software Packages, managing and checking the integrity of the

installed packages using rpm and yum local repository.   
• Good Knowledge on Firewalld.   
• Network configuration and troubleshooting.   
• Performing system recovery during system failures.   
• Configuring and administering DNS using bind.   
• Backup and restoration using tar and dump and rsync tools.   
• Installing, managing and creating users in Mysqldb.  
• Configuring PXE installation server and kickstart installation.   
• Hands on experience with HP and Dell servers and management console.

• ESXi 5.5 installing and configuration from scratch.

• Worked on VMware vSphere, installing and configuring VSphere 5.1 and 5.5,

creating and configuring Guest machines, managing multiple ESXI servers

through vCentre.

• Performing snapshots and server reboots of Linux servers via VMware vCenter.

• Working knowledge on Automation tools Puppet & Ansible.

• Working knowledge on GIT.

## 

#### WORKING EXPERIENCE

**Linux Administrator**

**STAMPEDE CAPITAL LTD. - Hyderabad**   
**Duration:** Since May 2014

**Linux Administrator**(Network Engineer)

**SOCIAL MEDIA INDIA LTD. - Hyderabad**   
**Duration:** August 2011 – Feb 2013

**FMS ENGINEER**

**CMS INFO SYSTEMS PVT LTD. - HYDERABAD**

**Duration:** June 2010 – July 2011 

## Education

**MCA** - OSMANIA UNIVERSITY, 2009

**BSC(computer science)** - OSMANIA UNIVERSITY, 2006

**XII** – Board of Intermediate(Andhra Pradesh), 2003

**X**- Secondary Board (Andhra Pradesh), 2001

## Additional Information

Operating Systems  RHEL 4/5/6, Cent OS 5/6,VMWare VSphere 5.1, 5.5,

windows 2008, Windows 2012.

Hardware HP, Dell Power Edge.

Languages Bash Shell Scripting.

Networking DHCP, DNS, SMTP, NFS, FTP/SFTP, NIS,Apache,Postfix SSH,SAMBA.

Virtualization VMware Vsphere.

Others Tools Nagios,putty,MRTG,NTOP.