## Karthik S

**Linux Administrator**

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## Career Profile

Linux systems administrator, having 6 Years of Experience with a strong performance background in wide variety of professional system support and solution-based IT services for Linux Systems including monitoring, configuration, troubleshooting and maintenance of operating systems.

## Objective

Looking for a challenging career which demands the best of my professional ability in terms of, technical and analytical skills, and helps me in broadening and enhancing my current skill and knowledge.

## Key Technical Skill Set

Operating System: Redhat, CentOS, Fedora, Oracle Linux, Ubuntu and Windows. Virtualization: VMware vSphere, VMware Workstation and Oracle Virtual Box Installation: Automate the installation using kickstart.

Good understanding in user, group administration and file/dir

User Management: permissions.

Providing extra privileges and limiting user privileges by configuring sudo and quota. Managing Login and logout scripts, run levels and Scheduling jobs.

Software & Patches: Package installation through rpm, yum or dpkg, apt-get and source code

Installation. Knowledge in applying patches.

Backup Management: Good experience in file system backup and restore activities using tar,

rsync, dump, restore.

Disk Management: Good knowledge in RAID, LVM and SWAP.

Process and Daemons: Monitoring and controlling system services and user process using

various tools. Scheduling tasks using cron, Managing login, logout & Booting scripts.

Monitoring: Monitoring system performance using various tools like Nagios, sar, top,

iostat and analyzing system log files.

Networking: Configuring network and troubleshooting all network related issues

using various network tools like route, traceroute, Ifconfig, netstat, nslookup. ARP, ethtool or mii-tool, tcpdump, tcp wrappers and etc.

Servers: Having knowledge in DNS, DHCP, NFS, SQUID, APACHE, FTP, SAMBA Server Configuration and Troubleshooting.

Remote: Experience in remote server administration tools like SSH, SSH tunneling, VNC, PUTTY Administration and XMANAGER.

Third party tools: Knowledge in third party tools like Webmin, Wireshark, WinSCP and

VMware Workstation.

# Work Experience:

**DXC Technology: - Mercedes Benz Project – Data Engineer II January 2019 -Present**

* Experienced on patches installations, patch upgrades and packages installation on SUSE Linux servers.
* Provide 24/7 support and troubleshoot mission-critical enterprise systems
* Interacts with application teams and when required end users to resolve escalated problems in the areas of installation, repair, upgrade, and maintenance
* Having Knowledge on Implementing Docker Containers (Docker Registry)
* Experience in Handling Large network (2000+) of Production Servers
* Implementing ACL configuration for users & groups
* Supporting Linux OS up-gradation & Application upgrade, System patching, Application patching.
* Managing the Big data clusters and supporting Linux Administration level.
* Analyzing the server logs and finding the root cause for the issue.
* Interact with Development functional team to analyze the performance related issue.
* Increasing and decreasing volume management (LVM)
* Perform daily system monitoring, verifying the server resources, systems and key processes, reviewing system and application logs, and verifying scheduled jobs.
* Experience in performing Bios firmware upgrade in Linux Platform

## Infosys: - Mercedes Benz Project – Technology Analyst September 2018 –December 2018

* 16/7 Remote support of Linux servers including OS Installation/upgrade/troubleshooting, performance monitoring, hardware diagnostics for over 2,500+ servers in production datacenter.
* Planning and providing technical advices to top customers on their project implementation and issues.
* Handling Escalations and Providing mission critical support to Daimler’s customers in 16/7 support.
* Experience in virtual infrastructure management of VM, VMware virtualization.
* vSphere Center Server Configuration and management, troubleshooting.
* Responsible for Linux systems architecture including disk partitioning standards, backups etc.
* Provide OS level support like Installing/Upgrading packages and troubleshooting any OS related issues.
* Responding to alerts in timely fashion as per the pre-defined priority levels and SLAs.
* System Administration and day-to-day maintenance and monitoring of Linux Servers.

## Oracle India Pvt Ltd: - CIT – Oracle Cloud Managed Services Linux System Administrator August 2016 –September 2018

* 24/7 Remote support of Linux servers including OS Installation/upgrade/troubleshooting, performance monitoring, hardware diagnostics for over 20,000+ servers in large-scale production datacenter.
* Planning and providing technical advices to top customers on their project implementation and issues.
* Handling Customer Escalations and Providing mission critical support to Oracle’s customers in 24/7 support.
* Experience in virtual infrastructure management of Oracle VM, VMware virtualization.
* VMware Datacenter and Clustering management and troubleshooting
* vSphere Center Server Configuration and management, troubleshooting.
* Responsible for Oracle database instances, Oracle RAC (high availability servers) instances, applications startup/shutdown and exposure to troubleshooting.
* Critical and non-critical ticket management and good exposure to Change Management process.
* Documenting technical/non-technical aspects in Twiki-based documentation system.

## Tejas Networks Ltd

**Linux System Administrator April 2015 – August 2016**

* VMware vSphere, ESX, ESXi Server 4.x, 5.x, VMware server and Linux Servers Installation, configuration and Administration.
* Creating templates from VMs, deploy VMs from templates and allocate resources on vSphere Vcenter server.
* Setup and maintain virtualization technologies like VMware Workstation, Oracle Virtual Box. Installing and configuring Linux Operating system (Redhat, CentOS, Fedora, SUSE Linux and Ubuntu) and Windows Operating System on various Laptops and Desktops.
* Provide system administration, configuration, and troubleshooting of the Linux environment and performance issues.
* Maintaining servers like FTP, and SQUID, NFS, Samba and network technologies.
* Responsible for Linux systems architecture including disk partitioning standards, backups
* Provide OS level support like Installing/Upgrading packages and troubleshooting any OS related issues.
* Working on ticketing tool (RT at a glance) to handle various tickets.
* Responding to alerts in timely fashion as per the pre-defined priority levels and SLAs.
* Responsible for system failure analysis and recovery, insuring the consistency and integrity of file systems.
* Provide technical solutions and escalated support for a variety of technical issues.
* System Administration and day-to-day maintenance and monitoring of Linux Servers
* Facilitate the required infrastructure for the developer as requested.

## Trainings Attended

* Full time Red Hat Certified System Administrator training (RHCSA - 199).
* Full time Red Hat Certified Engineer training (RHCE -299).

## Academic Profile

* Completed MCA in Karpagam Institute of Technology (Anna University, Chennai) with aggregate of 78% in 2010-2013.
* Completed BSC(CS) in Selvam Arts & Science College (Periyar University,Salem) with aggregate of 63% in 2007- 2010.
* Completed Higher Secondary with aggregate of 72% in 2007.
* Completed High school with aggregate of 55% in 2005.

## Personal Details

Father's Name: Subramaniyam Nationality: Indian