RESUME

v. jagan Kumar

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# Career objective

To obtain a Linux System Administrator position where I can maximize my technical experience in installation, configuration and maintenance of Linux server based system and network applications.

# Professional Experience

* Having 3.5 years of extensive experience in the IT industry on Linux Administration in different **Linux, UNIX,** and **Windows** environments.
* Provides level 1&2 supports to customers.
* Managing Incident with **Service Now**.
* Implementation of **RAID** levels.
* Having good knowledge in **Nagios monitoring tool**
* Following the **ITIL process** for Ticket handling and problem ticket analysis and also Root Cause analysis for major incidents.
* Providing SUDO access to the users and groups.
* Having Experience in Booting Process, server performance and related issues
* Having good understanding skills in Shell Scripting.
* Having strong skills in **Incident & Change management** guidelines.
* Handling Linux Based Networking, Web server, **FTP** server, **DNS** server, **SAMBA** Server, **DHCP** server, **NFS** server & **LDAP** server.
* Good understanding of file system and storage management concepts like **LVM**.
* Job Scheduling and Automating process using **CRON & AT**.
* Experience in installing, updating packages in Red Hat Linux Servers using **RPM** and **YUM** repositories.
* Having good experience on **Apache & Tomcat**.
* OS patching and updating servers with **Red Hat/Cent OS Servers**.
* Basic knowledge on **Shell Scripting** like bash

# AWS

* Basic knowledge on **AWS** like **EC2**, **IAM** , **ELB** , **EBS** , **S3 Bucket** & **Route 53**, **Cloud watch** etc.
* Built AWS cloud integration modules which will use AWS API key, access key and CLI commends to pull of cloud watch metrics and display a custom dashboard
* Good Knowledge on EBS and Load balancers like ELB, ALB.
* Knowledge on CDN (Amazon cloud font and Akamai, Edge caste).
* Service (RDS) Instances & Creating and configuring SNS, and SQS simple queue service.
* Good understanding on Cloud Watch Metrics.
* Hosting a website and store backup with help simple store service (S3) bucket

# VMware

* Creating Virtual Machines from the **vCenter**.
* **Clone** and **template** creation and deploying a VM from the template.
* Installation, Configuration and Maintenance of VMware ESXi5.1 and Virtual Machines.
* Increasing and decreasing the virtual machine memory, CPU.

# Technical Skills

**Operating System** : RHEL, CentOS, UNIX & Windows

**Servers** : NFS, FTP, SAMBA, SSH, and DNS/NIS.

**File System :** EXT3, EXT4 , XFS

**Backup :** Tar , Dump, rsync , Scp

**Installation**  : CD/DVD, Network (NFS/FTP/HTTP)

**Package Management :** RPM and YUM, several command options from rpm

**Monitoring Tool** **:** Nagios

**Ticketing Tool** **:** Service Now

**Cloud :** AWS

**Mail :** SMTP, Send-mail , POP, IMAP

**Database**  **:** MYSQL

**Web server :** Apache

**Application server :** Tomcat

**VMware** **:** Hyper-V, VMware ESXi, vCenter, vMotion.

# Experience Summary

* Currently working for **BT eServ India Pvt Ltd** Bangalore as a Linux System Administrator from Oct 2017 to till date.

# EDUCATIONAL DETAILS

* **B.Tech-2015** ( CSE ) from JNTU , Anantapur

# Current Project

**Project Name :** Broadcast Evolution

**Client :** EQUINIX

**Role :** Linux System Administrator

**Duration** **:** Oct 2017 to Till date (Bangalore)

# DESCRIPTION

**Broadcasting** is the distribution of audio or video content to a dispersed audience via any electronic mass communications medium, but typically one using the electromagnetic spectrum (radio waves), in a one-to-many model.

# Roles & Responsibilities

* Experience in Creation and managing **user accounts, security**, rights, disk space and process monitoring in Red hat Linux.
* Initiating upgrade script for latest **Kernel upgrade** and checking logs related to upgrade.
* Having good knowledge in **configuring and troubleshooting Network** related issues.
* Having experience in Configuring and Managing Linux Based Servers like Web server, **FTP** server, **DNS** server, **SAMBA** Server, **DHCP** server, **NFS** server & **LDAP** server.
* Providing resource utilization and status report to the management.
* Checking system and **web server logs** regularly to make sure server is performing well and web applications are performing well.
* Planning & Resolving the Issues within the specified down time.
* Perform Backup, Restore tasks & Maintaining data backups as per schedule.
* Scheduled task automation for frequent server clean up and maintenance tasks.
* Managed Disks and File systems using **LVM** on Linux.
* Having experience in maintaining high volume web applications using **Apache**
* Creating Virtual Machines from the **Vcenter**.
* **Clone** and **template** creation and deploying a VM from the template.
* Installation, Configuration and Maintenance of VMware ESXi5.1 and Virtual Machines.
  + Creating changes by raising request and doing it without any fail on scheduled time.
* Increasing and decreasing the virtual machine memory, CPU.
* Handle client requests on provisioning new users and services on configured instances.
* Monitor the health of the provisioned instances and the related services.
* Identify and resolve environment/dependencies issues if any application is not working as required.
* Installing, upgrading and configuring Red Hat Linux 5.x & 6 using **Kick start** Servers and Interactive Installation.
* Monitor Linux Server for CPU utilization, Memory Utilization and Disk Utilization for performance monitoring.
* Works in different business times and on-call 24hs / 7 days.
* Remote server monitoring using **NagiosXI** tool.
* Ensures uptime and availability of servers/services within **SLA**.
* Creating, Managing Users / Group accounts and setup users work environment.
* Knowledge on configuring and creating jobs scheduling tasks like **Cron services**.
* Creating and removing volume groups, physical volumes and Logical volumes.
* Backup configurations using **rsync** on remote backup.
* Performed package administration using **RPM & YUM** in Red hat Linux.
* Creating, adding new groups and setup home directories and appropriate.
* Perform all duties related to system administration, **user account maintenance**.
* Disk Partitioning & Managing file systems.

**(V. JAGAN KUMAR)**