**A VENKATESH**

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**Career Objective**

To obtain a challenging position as Software System Engineer in a mission critical environment with high end servers where my technical and soft skills could be utilized best for the organization, and as well as to my personal growth

**Summary**

* Having 3.6 Years of Experience as a **Software System Engineer with AWS**
* System Administration and Networking experience in Redhat Linux & Ubuntu environments. .

**Professional Experience**

* Working as a **Software System Engineer** in Sabre Technologies, Bangalore from Sep 2015 to Till date.

**Technical Skills**

* Operating systems : Red hat Linux 6.x/7.x, CentOS 6.x/7.x, Ubuntu16.0 LTS
* Ticketing Tools : Jira
* Monitoring Tool :Nagios
* Scripting : BASH
* Cloud Technologies : AWS
* Database :MySQL
* Alert Messaging System :PagerDuty

**Trainings**

* RHCE on Red hat Enterprise Linux version 6 and 7

**Academic Qualification**

* B.Tech from JNTUH, Andhra Pradesh passed out in the year of 2014

**Professional Experience**

**Organization:** Sabre Technologies Pvt Ltd,

**Designation:** Software System Engineer

**Duration:** Sep 2015 to Till date

**Responsibilities:**

* Monitoring server’s health checks and services through Nagios monitoring tool.
* Handling Pager Duty Calls in 24/7 and managing on-call rotation as 15 days
* Local and Remote administration of servers, routers and networks using Telnet, ssh and VNC.
* Working on File system issues.
* Installation and Configuration of Nagios and integrating with PagerDuty.
* Able to write Nagios plugins for custom system and application services in bash and python
* Configuration of Network resources, adding & configuring Virtual NIC.
* Configuration of remote access utilities, providing user access control on services like telnet, ftp and ssh.
* Scheduling of automatic, repetitive Jobs using commands with Cron and at jobs.
* Monitoring the Servers performance using with performance monitoring tools like iostat, vmstat, netstat, sar, top and ps etc.
* Creation and deletion of partition and file swap space.
* Configuring and Maintaining the Disk Quotas and ACLs (Access Control Lists) for users.
* Responsible for adding, creating new users, groups and setup home directories and appropriate access restrictions to software and directories & files using access modes.
* Daemon & Process management (stopping, starting, refreshing).
* Troubleshooting and Configuration of SSH, FTP, NFS, APACHE,DNS and DHCP Servers.
* Handling server activity like clearing security logs, checking the disk space.
* Configuring the Log Rotation policies for purging the logs.
* Excellent knowledge in hardware troubleshooting and remote administration.
* Excellent knowledge in both Hardware and Software RAID. Hands on experience in LVM and snapshots.
* Configuring supervisor for monitoring and controlling the running processes
* Applying security to the systems through system firewall (IP Tables) and SELinux
* Configuring High Availability (HA) proxy setup for distributing the traffic between servers
* Working on MySQL master and slave setup, and configuring db replication
* Working on MySQL DB user administration, MySQL database backups and basic troubleshooting for DB issues

**AWS work Experience:**

* Good knowledge in AWS environment (EC2, VPC, EBS, ELB, RDS, IAM etc..).
* Excellent knowledge in package management and repository configuration in Centos and Ubuntu.
* Creating Cloud based infrastructure required by the Software team within secure VPC (Virtual Private Cloud) within AWS.
* Create Virtual Private Cloud (VPC) and configure the VPC by modifying its IP address range, create subnets, and configure route tables, network gateways, and security settings.
* Configuring AWS CLI to control multiple AWS services and automate them through scripts.
* Create security groups and add rules to limit traffic on the required instances.
* Be responsible for infrastructure planning, scaling and monitoring process implementation.
* Creating and maintaining scripts to spin up and spin down instances required for application on demand.
* Deploying, automating, maintaining and managing AWS cloud based production system, to ensure the availability, performance, scalability and security of productions systems.
* Configuring the Dashboards, Events and Alerts through CloudWatch.
* Working extensively with AWS services like EC2, S3, EBS, ELB, RDS, Autoscaling, IAM, Route53, CloudWatch and etc.,

**Venkatesh A**