**s K.SivaPrasad Reddy**

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**Career Objective**

To obtain a challenging position as Linux 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 2+ Years of Experience as a **Linux Engineer.**
* System Administration and Networking experience in Redhat Linux & Ubuntu environments.

**Professional Experience**

* Working as a Linux Engineer **in EDS** **TECHNOLOGIES** PVT LTD, Bangalore from July 30th to Till date.
* Working as a IT support Engineer in NIIT **TECHNOLOGIES, Bangalore form July 23rd 2019 to 23rd july 2020.**

**Technical Skills**

* Operating systems : Red hat Linux 6.x/7.x, CentOS 6.x/7.x, Ubuntu16.0 LTS
* Monitoring Tool :Nagios
* Version Control Systems : GITHUB
* Scripting : BASH,
* Cloud Technologies : AWS.docker,jenkins,terraform.k8s.
* Configuration Management Tool : Ansible

**Trainings**

* RHCE on Red hat Enterprise Linux version 6 and 7

**Academic Qualification**

* B.Tech from JNTUA, Andhra Pradesh passed out in the year of 2016

**Professional Experience**

**Organization:** EDSTECHNOLOGIES PVT LTD

**Designation:** Linux Engineer

**Responsibilities:**

* Monitoring server’s health checks and services through Nagios monitoring tool.
* Involving in S0 and S1 issues and create a group chats and bridge-calls to resolve the issues within predefined SLA.
* 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.
* Configuration of Network resources, adding & configuring Virtual NIC.
* Configuration of remote access utilities, providing
* Managing 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.
* Hands on experience with source code management (GIT).
* Excellent knowledge inf and remote administration.
* Excellent knowledge in both Hardware and Software RAID. Hands on experience in LVM and snapshots.
* Hands on experience in doing configuration management through Ansible.
* Installing and configure collectd, statsd for collecting metrics of servers and applications
* Configuring supervisord for monitoring and controlling the running processes
* Applying security to the systems through system firewall (IP Tables), tcp\_wrappers and SELinux

**AWS work Experience:**

* Good knowledge in AWS environment (EC2, VPC, EBS, ELB, RDS 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.
* Having knowledge on provisioning and managing the AWS infrastructure through Terraform.
* Hands on experience in launching GCP VM instances and applying firewall rules, adding storage volumes
* 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 systems, to ensure the availability, performance, scalability and security of production systems.
* Configuring the Dashboards, Events and Alerts through CloudWatch.Working extensively with AWS services like EC2, S3, EBS, ELB, RDS, Autoscaling, Lambda, IAM, Route53, CloudWatch and etc.,

**Docker:-**

* Experienced in creation of custom Docker container images, tagging and pushing the images
* Experienced in writing Docker file, build images and launching containers.
* Experienced in Building Docker images through Docker file
* Experienced in Installing and configuring the Docker Engines for running multiple container applications.
* Experienced in Docker-compose to start docker container applications
* Familiar with source code management (GIT).

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