**M. Shiva Kumar Reddy Email: shivareddymanne5@gmail.com** 

M.Sc (Computer Science) **Mobile: +91-9948636735**

**Objective:**

* Dynamic, Competitive and automotive professional putting forth an around 5+ years of experience in the field of *Linux Server Management* and data-center operations across multiple platforms (Linux, Windows). Effectively plan, install, configure and optimize the IT infrastructure to consistently achieve high availability and performance.
* As a Solutions Architect of *Amazon Web Services* I help companies to understand how to transform their IT infrastructure, operations & applications to make the most of the scalability, innovation & cost efficiency of the AWS platform.

**Technical Skills:**

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| **Operating Systems** | LINUX(RHEL5.0/6.0/7.0), SuSe Linux & HP\_UX |
| **Cloud platforms** | Amazon Web Servers (AWS) |
| **Virtualization** | Vmware ESXI, VSphere Client |
| **Servers** | Apache, NFS, FTP, SAMBA,DNS & Postfix |
| **Configurations** | LDAP client, LVM ,SAN ,RAID 0/1/5, SWAP |
| **Security** | TCP Wrappers, Iptables, sudo, ACL |
| **Clustering** | HP-service guard. |
| **Scripting** | Shell Scripting, FIND, AWK & Python |
| **Log Management** | SUMO Logic |
| **Monitoring Tools** | Logic Monitor, Sitescope, Catchpoint & PagerDuty |
| **Ticketing Tool** | Jira Ticketing tool & Service Now |
| **Design tool** | Photoshop & Video Editing (CANAPAUS , TWISTER) |

**Education:**

* MSC (Computers) from A.V.P.G center, Gaganmahal, HYD - 2009-2011.
* BSC (Computers) from BMR Degree College, Siddipet - 2006-2009.

**Certification & Professional Training:**

* Red Hat Certified Engineer (RHEL 6.3)

Certification number 140-025-362

**Work Experience:**

* Working for **TATA Consultancy Services**., as a IT Analyst (L2) from Oct 2016 to present for client MARS, Hyderabad.
* Worked for **Indmax Maximizing Core IT**., as a CloudOps Engineer (L2) from Apr 2014 to Aug 2016 for client SPS Commerce (US), Hyderabad.
* Worked for **Integrate PMC India Pvt Ltd.,** as a Technical Assistant from Jan 2013 to Aug 2013, Hyderabad.
* Worked for **TRC Engineering (I) Pvt. Ltd PMC.,** as a Technical Assistant from Oct 2011 to Dec 2012, Hyderabad.

**Project 1:**

* Client : **MARS, Incorporated, US.**
* Organization : TATA Consultancy Services, Hyderabad
* Period : Oct, 2016 – Present
* Role : IT Analyst (L2)
* Technical Platform : Linux (RHEL) & SuSe

**Project Roles & Responsibilities:**

**AWS Role:**

* Create IAM to manage AWS console and various services for user and various application etc
* Created AMI images of critical ec2 instances as backup using AWS GUI. Setup and managed backup and recovery using snapshot, Utilize EBS to store persistent data and mitigate failure by using snapshots.
* Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
* Creating S3 buckets and managing policies for S3 buckets and Utilized S3 buckets for storage and backup on AWS.
* Infra-structure development on AWS using various services like EC2, S3, Route 53, Cloud Formation, Cloud Watch, IAM, VPC etc.
* Setting up private networks and sub-networks using Virtual Private Cloud (VPC) and creating security groups to associate with the networks.
* Setup/Managing Linux Servers & Windows Servers on Amazon (EC2, EBS, ELB, S3, Route53, and IAM)

**Linux Role:**

* Solving day to day problems and following it up through service now ticketing system.
* Expertise in Patch Management on different Linux environment as per vendor’s latest release.
* Registering red-hat & suse Client servers with red-hat satellite & SuSE Management servers
* Developing shell scripts to automate the pre & post checks of OS patching & user management
* Have hands on upgradations of OS, kernel, firmware (BIOS/ILO), Ethernet card driver firmware
* Good knowledge in HP-Service guard cluster (File system creation,managing the packages between the nodes).
* Ability to identify the server hardware issue through the logs and coordinating with vendor to fix the issue by change mangement process
* Good knowledge on Rear backup configuration & troubleshooting issues
* Configuring NFS server and clients and troubleshooting the issue
* Good knowledge in working on File systems like LVM, ISCSI luns, NFS(v3,v4), XFS, disk partitioning, File system errors checking.
* Network bonding configuration & analyzing the issue.
* Analyzing the servers performance issues with NMON reports
* Proactively working on repeated alerts to avoid unexpected downtime on production environments
* Working on different system resources related alerts(Diskspace,CPU,Memory,Load Avg)
* Good knowledge in ITIL process and implementing the same in organizations as per requirement.

**Project 2:**

* Client : **SPS Commerce, Minneapolis, US**.
* Organization : Indmax Maximizing Core IT, Hyderabad
* Period : Apr, 2014 – Aug, 2016
* Role : CloudOps Engineer (L2)
* Technical Platform : Linux (RHEL) & Windows

**Project Roles & Responsibilities:**

* Managing and Monitoring complete SPSCommerce Infrastructure which hosted in 2 physical DCs and AWS cloud
* Good Knowledge in OS installation, configuration, updates and patches, bug fixes and setup required environment on Linux Servers
* Good knowledge on AWS EC2 instance creation, upgradation, Load balancing..etc
* Restarting different applications(tomcat ,glassfish, Weblogic instances) based on Pagerduty alerts
* Reviewing application logs from server and sumologic UI, taking thread dumps/heap dumps and providing troubleshooting steps
* Deploying an Application into MESOS Compute Pool, Shutting Down or restarting Applications in Marathon and checking stderr & stdout logs in Sandbox.
* Managing Tape Drives Backups Using Simpana and engaging with Sungard
* Creating different error types of dashboards in Sumologic
* Experience in failover LM collectors & moving hosts between the collectors
* Fine tuning the LM related alerts and modifying threshold & creating new data sources and data points.
* Experience in automate scripts for required environments through Jenkins
* Handling FTP/SFTP user acct management, LDAP user acct management, cat-v6 AD domain acct management, troubleshooting access issues
* Escalating critical issues to on-call resources through PagerDuty, HipChat within SLA
* Collaborating with different teams and assisting them when required

**Having Good Exposure On Below Topics:**

* Server configuration like FTP, NFS, SAMBA, Apache, DNS & DHCP
* Having good knowledge on LVM, RAID, ACL, IPtables & Iscsi
* Privileges and resource permissions using SUID, SGID and Sticky bit.
* Analyze the performance of the Linux system to identify memory, disk I/O and network problems using ps, vmstat, netstat and iostat values.
* Knowledge on Ansible & Puppet configuration management tools
* Backup & Restore (scp, rsync,tar,gzip,bzip2)

**Personal Profile:**

Name : M.Shiva Kumar Reddy

Date of Birth : October 20, 1988

Place of Birth : Thippapur, Kamareddy Dist, T.S, INDIA

Religion : Hindu

Marital Status : Married

Language Known: Telugu, English, Hindi.

**Declaration:**

I hereby declare that all the data and information provided above are true and correct to the best of my knowledge and I hold responsible myself for any irregularities, if found.

Place:

Date: (M.SHIVA KUMAR REDDY)