## Venkat Narasaiah S

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# Career Objective:

To build a successful and challenging career in IT industry by making effective use of system administration skills and upgrading continuously to the latest and powerful technology available.

# Professional Summary:

* Overall Experience of 5 years in IT and in AWS i.e. 5 years with AWS administration services. Managing AWS ,TWS With working scope and Managing the Activity and Maintaining and Validate According to the Clint Specification,  AWS DBPaaS IAM policies, EC2 servers, VPC tunnel, S3 storage, Glacier archiving. Managed custom VPC with private and public and launch EC2 instance by conn
* Migrated the servers from on-premises to cloud & cloud to cloud environment
* Supporting clients and providing 24/7 production support in AWS and Linux environments.
* Worked on Amazon EC2, S3, IAM, ELB, Auto scaling, Cloud watch, SNS, SES, Route 53, S3,RDS, Elastic beanstalk, Cloud formation, AWS config, Cloud trail.
* Ability to identify and gather requirements to define a solution to be build and operated on AWS.
* Deployed .Net web application using Elastic beanstalk, S3, Route 53, RDS, Cloud watch,SNS, ACM services.
* Writing Cloud Formation Templates to launch the different AWS resources like EC2, Auto scaling, Load balancers, security groups and DB instances.
* Worked on My SQL, MS SQL DB’s in Designing and implementation of database as per client requirements.
* Have done migration of SQL server database on AWS.
* Worked on Multiple AWS instances set the security groups, Elastic Load Balancer (ELB) and AMIs, Auto-scaling to design cost effective, fault tolerant and highly available systems.
* Used IAM to create new accounts, roles and groups and polices, Understanding of secure- cloud configuration, (Cloud Trail, AWS Config, etc), cloud-security technologies (VPC, Security Groups, etc.) and cloud-permission systems (IAM).
* Have done End to End Encryption Architecture for Applications.
* Automating Volumes and AMI's Backup using Bash Script and Cron jobs in Amazon Linux.
* Taking EBS volume snapshots using cloud watch events.
* Updated the AMI with latest patches.
* Worked on creation and managing IT infrastructure and application stack using AWS Cloud Formation.
* Created AWS Multi-Factor Authentication (MFA) for instance RDP/SSH logon, workedwith teams to lock down security groups.
* Done SES bounce mail automation using lamda function.
* Responsible for deploying SSL Certs across AWS ELB.
* Installed and configured awstats tool for analytics purpose of application.
* Monitor AWS EC2 & RDS instances from site 24x7 & new relic monitoring tool.
* Writing shell scripts to accomplish day to day system administration task.
* Worked on LAMP Stack By using AWS
* Hosted static website on S3.
* Worked on application deployments and troubleshooting application related issues.
* Experience on creating and Resizing Linux Partitions with LVM.
* Coordinating with Windows team, Application team, DBA team and Backup team to resolve server issue and giving suggestion.
* Maintenance and scheduling backup jobs using cron-tab.
* Experienced in Configuring Servers to provide Networking Services, SSH(passwordless),NFS, Samba, FTP
* Hands on experience in configuring SSH and FTP &NFS server to transfer files
* Good knowledge on booting process.
* Installing Packages using RPM and YUM.
* Job Scheduling and Automating process using CRON.
* Mounting and Un-mounting the File System
* Configure multi-hop ssh to login private ip servers.
* Log rotate policy to delete logs older than seven days
* Create users with password and give them access minimal commands in sudoers file.
* Installed and configured SAR utility to capture server metrics at every 2 minutes.
* Created SWAP space for Amazon ec2 instances and make it ready at boot.
* Work on ticketing based system where we get requests for Change Management And Incident Management.

# Educational Qualification:

* Bachelor of Computer Science (BSC) from Vinayaka Mission University.(VMU)

# Technical Skills:

|  |  |
| --- | --- |
| **Skills** | **Tools** |
| Cloud Technologies | Amazon web services |
| Operating system | Linux (RedHat 6.X, 7.X), CentOS, Windows 7 .X. |
| Networking | FTP, NFS, SSH. |
| Monitoring tools | Nagios, New relic, Netcool, Site 24x7 |
| Ticketing tools | Service Now |

**Work Experience: -**

* Working as  **Cloud Associate** in **Capgemini India private Limited**

**Projects:**

**Project 1:**

Project : lumos learning

Environment : AWS, Ansible, Linux, RDS SQL

Domain : Telecom

Role : Cloud Associate

Team Size : 04

# Roles & Responsibilities:

* Supporting clients and providing 24/7 production support in AWS and Linux environments.
* User and group management, Creating and managing user account, groups and access levels.
* Working on AWS EC2 management like creating instances, creating volumes, taking AMI backups and volume level snapshots.
* User management, Creating and managing user account, groups and access levels.
* Worked on instance root volume increase and creation of new volumes, attaching new volumes to existing instance and resizing existing volumes.
* Creating Security groups, adding Security groups and requested IP’s to existing Security groups to allow inbound and out bound traffic to instances and ELB’s.
* Creating ELB’s and adding Instances under ELB’s to provide high availability of services.
* Worked on Auto Scaling group and creating Auto Scaling policies.
* Creating IAM users and assigning respective policies to the users.
* Creating S3 buckets and assigning policies to the buckets.
* Scheduling of automatic, repetitive Jobs using commands like “Cron” jobs.
* Creating and Resizing Linux Partitions with LVM.
* Taking care DISK management like creating disk partitions, formatting and mounting file systems.
* Scheduling of automatic, repetitive Jobs using commands like “CronTab” jobs.
* Creating and Resizing Linux Partitions with LVM.
* Implementation of online backup and restore using with Snapshot technology.
* Start and stopping services/ monitoring services.
* Scheduling Daily, Weekly and Monthly Full Backups.
* File Permissions like, SetUID and StickyBit.
* Administering and monitoring System Performance, disk space and memory.
* User administration and management like add/change/delete.
* Troubleshoot problems and work with various support teams to resolve them quickly.
* Generating the reports and uploading in the centralized location.

# Declaration:

I hereby declare that all the details furnished above are true to the best of my knowledge.