**SIVA SANKAR U**

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**Professional Summary:**

* Having 3+ years of experience in Installation, Configuration, Management of Redhat Linux & Amazon Web Services,
* Worked in infrastructure team on installation, configuration and administration of Redhat Linux
* Having good knowledge on AWS Cloud services like – EC2, S3, RDS, Dynamo DB, Redshift, VPC, Route53, Cloud Front, Cloud Formation, Cloud Watch & IAM.
* Having good Experience on AWS Cloud services like – Cloud Trail, Elastic cache, Glacier, SES & SNS, SQS.
* Having Good understanding on Virtualization, Clusters, Scalability, Clustering/Load balancing.
* Having experience carrying out monitoring and performance metrics analysis.
* Having good experience on Nagios Monitoring tool.
* Good Knowledge on Administration of Perforce – version control tool.
* Extensive hands on work with Private & Public Cloud Solution Providers.
* Proficient in using all Amazon Web Services including EC2, EBS, IAM, S3, ELB,VPC.
* Clear understanding of Business Processes with ability to work independently and as part of team.
* Ability to meet deadlines & project goals in a fast paced & changing environment.
* Good interpersonal skills, committed, result oriented, hard working with a quest and zeal to learn new technologies
* Ability to learn new technologies with minimal time period and Team Player with excellent communication skills.
* Having good experience in Ticketing tool Remedy.
* Knowledge in Shell Scripting.

**Technical skills :**

Cloud Technologies **:** AWS-Amazon Web Service

Operating systems : Linux (Red Hat 5/6), Unix

Virtual Environment : VMware, Virtual box,

Database : RDS, Dynamodb

Version Control : Bit Bucket.

Other Tool : Putty, Winscp

Ticketing Tool : Remedy 8.1

Monitoring Tools : Nagios

**Professional experience:**

Working as Linux administrator/ AWS administrator under the payroll of EDVNSYS SOLUTIONS PVT LTD from Sep 2014 to Till Date

**Responsibilities:**

* Expertise level knowledge on Amazon EC2, Amazon S3, Route 53, Amazon RDS, Amazon, Elastic Load Balancing and Cloud Watch
* Worked on installation, configuration and maintenance Redhat servers.
* Proficient in using all Amazon Web Services including EC2, EBS, IAM, S3, ELB.
* Creating new EBS volumes and attaching them to EC2 instance when needed.
* Installed and configured monitoring tools Nagios for monitoring the network bandwidth and the hard drives status.
* Deploy and monitor scalable infrastructure on Amazon web services.
* Experience in AWS, which included managing application in the cloud and creating instances
* Associating elastic ip’s to the instances.
* Creating EBS volumes and attaching to instances and creating partitions and drives.
* Uploading data, Snapshots and EBS volumes in S3 storage, while creating EC2 Instance.
* Creating security groups, changing rules and restricting access
* Creating cloud watch alarms along with SNS notifications.
* Launching instances inside VPC.
* Configured yum repository server for installing packages from a centralized server.
* Excellent working knowledge on various virtual systems like VMware, Virtualbox technologies
* Have performed AWS Management Console and Administration activities
* Good experience in performing deployments in AWS environments like creating EC2 instances,s3 life cycle policies, Bucket Versioning, static website hosting, attaching volumes using EBS for windows and linux systems, creating Load Balancers.
* Backing up the EC2 instances volumes by creating a snapshots and saving them in S3 buckets for Disaster Recovery (DR).
* Maintaining and upgrading the EC2 instances according to the requirements.
* EBS Volumes, Snapshots, AMI’s. Creating AMI images from existing instances and copy them to different regions / availability zones.
* Uploading data from EC2 to S3 using aws cli commands and cron jobs.
* Assigning  roles to EC2 instances to access/store data from  other AWS services like S3, cloud watch etc
* ELB – Creating Load balance for EC2 Instances within in VPC, Adding instances to make online services highly available.
* Managing load and instance failures through auto scaling and launch configuration.
* Creating routing policies to manage load on load balancers.
* Handling multiple requests in IAM like creating users, groups and roles.
* Creating / modifying policies according to user’s access requirement.
* enabling logging and events on buckets to monitor bucket performance
* implementing lifecycle management to send data Glacier/delete
* Implementing Cloud Front to access objects from edge locations also to reduce load on EC2 instances.
* VPC – Creating Instances in VPC, Assigning subnets and Elastic IPs to get network, Creating NAT Gateways using Elastic IP. Creating Internet Gateway, Route Tables for subnets.
* Launching NAT instance within VPC to provide internet to database/secure instances.
* Monitoring AWS services EC2, S3,and RDS etc. Through cloud watch.
* Creating new alarms in case of additional requirement.
* Provisioning RDS instances such as Oracle database.
* Importing and exporting data from native servers to AWS cloud.
* Troubleshooting in case of server is not reachable or server went out of service in ELB
* Creating Open VPN server from market place connecting to infrastructure with private IPs
* Participate in 24x7 on-call incident escalation rotations.

**Education summary :**

* BTech (Electrical Electronics Engineering) from PACE Institute of technology and sciences ongole, affiliated to JNTU University, Kakinada, in the year 2014.

**Declaration :**

I hereby declare that the above mentioned contents in my resume are facts and given opportunity in esteemed organization, assure to work to the best of my efforts and knowledge with honesty and faith.

Sivasankar U