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**Objective:**

To obtain an active and dynamic position in an innovative development environment as Software AWS Engineer, where I can use my expertise for the potential growth of the organization and self. Experienced in Linux, AWS Service.

**Professional Summ.**

* Having good knowledge in **Linux** ,**AWS Service** and **GIT** ,**ANSIBLE** and **Jenkins**
* Installation of Red Hat Linux for production and development environments manually
* Installing and Managing of Packages using YUM and RPM
* User Account Management – Users and Groups creation and customization and file permission.
* Updating Packages by using YUM
* Implementing sudo on users and on file systems
* Administering and monitoring System Performance, disk space and memory

**AWS SERVICES**

* Expertise level knowledge of Amazon EC2, Amazon S3, Route 53, Amazon RDS, Amazon Elastic Load Balancing, Autoscaling and Cloud Watch
* Build Servers using AWS: Importing Volumes, Launching EC2, RDS, Creating Security Groups, Auto-Scaling, Load Balancers (ELBs) in the defined virtual private connection
* Backing up the EC2 instances and volumes by creating snapshots and saving them in S3 buckets for Disaster Recovery .
* Handling multiple requests in IAM like creating users, groups and roles.
* Creating/Modifying Policies according to user’s access requirement
* S3 – Working with S3 to create the buckets to store objects
* Managing cost on S3 buckets by using Standard, S3 In-frequent Access and Reduced Redundancy Storage.
* Implementing lifecycle management to send data to Glacier then delete
* Taking instance backups as Amazon Machine Image (AMI) and launching these when we need similar servers.
* Maintaining and upgrading the EC2 instances according to the requirements.
* 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 VPC, Adding Instances to make online service highly available.
* Managing DNS names and Alias record in Route53 to catch up load balancer
* Knowledge on referent routing policies i.e., simple, latency, weighted, failover and geo location
* Creating routing policies to manage load on load balancers
* 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 like EC2, S3 and RDS through Cloud Watch.
* Creating new alarms in case of additional requirement
* Expertise in handling multiple RDS (Relation Database Service) instances which includes migration of production databases from non-cloud premises environment to cloud
* Enabling automated backups and Multi-AZ to improve database performance on RDS.
* Enabling read replicas as to redirect user read request are more.
* Troubleshooting in case of server is not reachable or server went out of service in ELB
* Automation of the repetitive tasks using configuration management tool called Ansible by using the playbooks.
* Knowledge on Version controlling Tool GIT ,Git hub .to make data secure

**Technical Skills:**

* Service **:** AWS Services,GIT,ANSIBLE
* **Testing :** Functional (Manual).
* **Programming Languages :** Corejava.
* **Operating System :** Windowsxp,Windows7,Windows8. Linux Redhat.

**Academics:**

* B.E (ECE)(2010-2014) from VTU UNIVERSITY.
* PUC (PCMB) 2008 -2010 FROM A.S.B PU COLLEGE.
* SSLC (2008) FROM V.H.S HIGH SCHOOL.

**Professional Experience:**

Working in Schneider Electric Indpvt.ltd as a AWS Engineer from November **2014** to Till.

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**Project Details:**

**Project 1 : Working Internal Infrastructure Project and supporting client projects**

\*Working on Internal Infrastructure And Client Project creating 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.

\*Build Servers using AWS: Importing Volumes, Launching EC2, RDS, Creating Security Groups SG AND VPC, Auto-Scaling, Load Balancers (ELBs) in the defined virtual private connection

\*S3 – Working with S3 to create the buckets to store objects.Managing cost on S3 buckets by using Standard, S3 In-frequent Access and Reduced Redundancy Storage.Implementing lifecycle management to send data to Glacier then delete

\*Monitoring AWS services like EC2, S3 and RDS through Cloud Watch.

\*Creating open VPN server from market place connecting to infrastructure with private IPs

\*User Account Management(IAM) – Users and Groups creation and customizationand apply policy to users and groups to restrict Aws services

\* Automation of the repetitive tasks using configuration management tool called Ansible by using the playbooks

**Environment** **:** Aws service and Ansible,

**Role**  **:**  Associate AWS engineer

**Software Testing Tools. : AWS,GIT,Ansible**.

**Team Size :** 8

**Application overview :**

* Languages Known : Kannada, English, Tamil ,Telugu ,

**Declaration :**

I hereby declare that the information given above is true to the best of my knowledge.

Date:

Place:

(signature)