

Gopi Chand

AWS Cloud Engineer

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Professional Summary:

- Having around **1.3 years** of experience as **Cloud Engineer** along with **Experience in AWS Administration**.
- **Good knowledge on Linux Administration**.
- Experience in AWS Cloud Technologies such as **VPC, EC2, ELB, EBS, Auto Scaling, CloudWatch, CloudTrail, CloudFormation, S3, IAM, RDS, SNS, Route53**.
- Working 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.
- Worked with **IAM** service creating new **IAM users& groups**, defining roles and policies and Identity providers.
- Build Customized **AWS IAM policies** to restrict access to various AWS resources based on user requirements (developers, BI teams, DB teams, Redshift teams etc).
- Used **AWS command line interface (CLI)** and management console to interact with AWS resources and APIs.
- Deployed a server-less portal with a web layer hosted as a **static website** on S3.
- Created **NAT gateways** and instances to allow communication from the private instances to the internet through bastion hosts.
- Knowledge on migrating **AWS servers** from **EC2 to VPC** environment.
- Experience in AWS Networking–**VPC, NACL's, Security groups**, etc.,
- Setting up databases in **AWS using RDS**, storage using S3buckets and configuring instance backups to S3buckets.
- Experience on creating and Resizing Linux Partitions with **LVM**.
- Monitoring AWS services EC2, S3, and RDS etc., using **Cloud watch**.
- Creating new alarms using **SNS** topics.
- Maintenance and scheduling backup jobs using **CronTab**.
- Coordinating with the Windows team, Application team, DBA team and Backup team to resolve server issues and giving suggestions.

Educational Qualification:

B.Tech from JNTU Kakinada

Technical Skills:

Cloud Technologies: AWS (EC2, IAM, VPC, S3, RDS, CloudWatch, CloudFront).

Monitoring Tool: CloudWatch, Nagios

Ticketing Tool: Service now

Infrastructure as code: AWS Cloud Formation

Operating Systems: Linux (RedHat6/7/8), Windows Family.

Work History

Working as **AWS CLOUD ENGINEER** at **Cynorsys Private Limited, Hyderabad** since Apr'2021 to till now.

Roles & Responsibilities:

- Launching Amazon EC2 Cloud instance using Amazon Web Services and configuring launched instances with respect to specific applications.
- Creating Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Building customized Amazon Machine Images (AMI), Build instances and configure them as per requirements.
- Working as Cloud engineer maintenance and monitoring various day-to-day operations.
- Configure Elastic Load Balancer (ELB) for distribution of incoming application traffic across multiple EC2 instances.
- Creating Elastic IPs, attaching and detaching to instances as per client request.
- Configured and managed S3 storage.
- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3bucket and Glacier for storage and backup on AWS.
- Configure and maintain the Users and Groups policies and permissions in IAM.
- Creating and managing users, attaching policies and roles through IAM.
- Maintaining AWS user accounts (IAM) with fine-grained access control and MFA.
- Creating public, private subnets in VPC, routing table, Network ACL and Security groups.
- Taking snapshots on a monthly basis for backup purposes.
- Creating cloud watch alarms along with SNS notifications.
- Configuring SNS group for mail alert in AWS.
- Configuration monitoring for AWS in CloudWatch.
- Focusing on high-availability, fault tolerance, and auto-scaling.
- Configured and managed security groups and VPC.
- Configured and managed ELBs and Auto Scaling.
- Used AWS Autoscaling, Cloud Front, Elastic IP, ELB, IAM, Route53, S3, Security groups.

Environment: AWS Services (IAM, EC2, EBS, ELB, RDS, ROUTE 53, Security Groups, VPC, Elastic IP, CloudWatch, CloudTrail, CloudFormation, SNS).