

# POSINA UDAYASREE

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Enthusiastic and self-motivated Engineer with 2+ years of experience in IT industry comprising of build release management, software configuration design, development, and cloud implementation.

## Profile Summary:

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- Expertise in Amazon Web Services (AWS) environment and good knowledge of AWS services like, VPC, Elastic Compute Cloud (EC2), S3, Elastic Load-balancers, Cloud Front, Auto scaling Groups (ASG), Elastic Block Storage, IAM, Cloud Formation, Route 53, CloudWatch, Elastic File System, Cloud Watch, Cloud Trail.
- Used IAM to create new accounts, roles and groups.
- Managing IAM accounts (with MFA) and IAM policies to meet security audit & compliance requirements.
- Configuring of Virtual Private Cloud (VPC) with networking of subnets containing servers. • Creating VPC, ELB, etc. through Cloud Formation stack.
- Used Auto scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand. •
- 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 bucket and Glacier for storage and backup on AWS. Setting Cloud Watch alerts for instances, utilizing in Auto-scaling launch configurations for better performance.
- Configured S3 Buckets for EBS backed Snapshots, versioning for data backups and setting up lifecycle management policies.
- Created and worked on Elastic Block Store and Instance Store Volumes.
- Implemented Auto Scaling for high application availability.
- Created elastic load-balancers (ELB) for different applications.
- Utilized Amazon Route53 to manage DNS zones, assign public DNS names to elastic load balancers IP's.
- Used Elastic Load balancer, Auto scaling, Security groups and NACL's to manage network security.
- Managed complex administrative tasks like scaling, failure-handling, and monitoring services.
- Responsible for designing and developing new back-end services, maintaining, and expanding AWS infrastructure and providing mentorship to others in my team.

## Education: ---

- **Sri Venkateshwara College of Engineering and Technology**
  - Bachelor of electrical and electronic communication engineering
  - GPA:8.5

## Experience ---

### Role: Systems Engineer

#### Roles and responsibilities:

- Responsible for designing, implementing, and supporting of cloud-based infrastructure and its solutions.
- Creating multiple VPCs and public, private subnets as per requirement.
- Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.
- Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
- Used Auto scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
- Setting up private networks and sub-networks using Virtual Private Cloud (VPC) and creating security groups to associate with the networks.
- Creating snapshots to take backups of volume and images to store launch configurations of EC2 instances.

### Role: Senior Systems Engineer

#### Roles and responsibilities:

- Built S3 buckets and managed policies for S3 buckets and used S3 bucket for storage and backup on AWS.
- Architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
- Included security groups, network ACLs, Internet Gateways, and Elastic IPs to ensure a safe area for organization in AWS public cloud.
- Utilizing Amazon Route53 to manage DNS zones and assign public DNS names to elastic load balancers IP's.
- Creating topics in SNS to send notifications to subscribers as per the requirement. • Integrating Amazon cloud watch with EC2 instances for monitoring the log files track files.
- Creating highly available environments using auto-scaling, Load balancers, and SQS.
- Creating and launching EC2 instances using AMI's of Linux, RHEL, and Windows.
- Used IAM to create new accounts, roles, and groups.
- Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.

## **Skills:** \_\_\_\_\_

- Expertise in Amazon Web Services (AWS) environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Cloud Front, Elastic File system, RDS, VPC, Route53, Cloud Watch, Cloud Trail, IAM.
- Good knowledge of Linux, Terraform
- Problem-solving
- Creativity
- Time Management

## **Certification:** \_\_\_\_\_

- AWS Certified cloud Practitioner

## **Personal Details:** \_\_\_\_\_

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|-----------------|---|------------------------|
| • Date of birth | : | 12/06/2000             |
| • Gender        | : | Female                 |
| • Father Name   | : | Posina Jagadessh Reddy |
| • Languages     | : | Telugu, English, Hindi |

## **Declaration:**

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

**Signature**  
**(udayasree)**