

AWS

Profile Summary

- Hands on experience in AWS Cloud Services
- Extensive working knowledge on design and implementation of VPN
- Extensive working knowledge on IAM for Identity on Access Management for AWS using Multifactor authentication
- Hands on knowledge in creation of Roles , Profiles and users in IAM
- Migration of the on-premise solutions to Amazon Cloud using EC2, VPC and S3.
- Working knowledge on Creation of custom AMI's
- Working experience in taking snapshots of the EBS Volumes
- Hands on experience in provisioning the Databases using RDS.
- Involved in DataBase Migrations using DMS Service
- Hands on experience in deploying solutions using opsworks
- Hands on experience in creation of Reusable templates using Cloud Formation
- Hands on experience in usage of ECS (EC2 Container Services) for Container Management.
- Hands on experience in building Docker Delivery using Elastic Bean Stalk
- Working knowledge of Setting up CDN using Cloud Front and S3
- Hands on knowledge Backups and Migration using Glacier, S3
- Hands on experience in setting up Auto Scaling Groups for EC2
- Hands on experience in Configuration of ELB (Elastic Load Balancer)
- Hands on experience in configuration of SNS topics for alerts received from Cloud Watch
- Hands on experience in Setting up Billing Alerts and working knowledge on Billing and Cost Optimizations
- Working knowledge on Setting up monitoring using Cloud Watch Alarms
- Hands on experience in Setting up Multi AZ RDS instances for High Availability
- Hands on experience in Creating of public & private subnets using VPC
- Good Experience with application and infrastructure management and monitoring tools

Responsibilities

- Setup and maintain cloud based infrastructure (AWS)
- Gather customer requirements and translate the application requirements to provide **AWS** solutions
- Creating architecture on AWS, document the design and provisioning the infrastructure on AWS
- Design AWS infrastructure based on the application requirements
- Design and implemented Security using VPC, IAM, Security Groups and NACL

- Created Multifactor Authentication for AWS Users in the organizations
- Ensure appropriate redundancy and fall backs in all server environments
- Communicate with engineering, production and QA in coordinating systems engineering work..
- Contributing in the DevOps team to maintain and build out our infrastructure and servers currently operating on **AWS** platforms
- Automating all manual tasks of deployment, monitoring, log rotation, collection.
- Working closely with dev team to manage CI environment using Jenkins, Code Commit.
- Set up and maintain the monitoring infrastructure, analyze system bottlenecks, issues/bugs and solve them in realtime to maintain quality of product.
- Setup Provisioning and infrastructure using OpsWorks (Chef)
- Creating a test environment for execution of tests by creating clustering environment using ECS (Ec2 Container Services)
- Attending Scrum Meetings with Dev& QA
- Provisioning the Sprint delivery environments using Chef/Cloud Formation
- Managing Backups of EBS Volumes
- Creating the DB Server environments using RDS and performing Read Replicas , multiAZ for high Availability and Fault Tolerance
- Providing **AWS** operations and deployment guidance and best practices throughout the lifecycle of a project
- Troubleshoot and resolve issues related to application deployment and operations
- Setting up CRON Jobs to download daily backups of critical services to on-prem using AWS-CLI
- Deploying Web Sites using opsworks
- Creating the CDN using the Amazon Cloud Front and S3
- Setting up CI using Jenkins.
- Creating the EC2 Container Registry for Docker Registry and maintenance
- Setup of the Complete CI environment on Cloud to provision builds by any user from any device.
- Working closely with development teams to integrate projects into **AWS** production environment and ensure ongoing support and maintenance as needed
- Building from the ground up reliable infrastructure services in **AWS** to deliver highly scalable services
- Support and maintenance of the production and non-production environments - including on-call support
- Working with application and operations teams to ensure successful deployment and operation of their application
- Support the build and deployment infrastructure used by our development teams
- Respond to high severity production issues escalated by our operations teams.
- Creating the High available servers which span across Availability Zones using VPC and Elastic Load Balancer
- Administration of Linux servers in Amazon Web Services.
- Automation of the build Process and implement deployment workflow.

- Manage servers, certificates, web servers and load balancers.
- Responsible for maintaining source code repositories using CodeCommit
- Drive the process in which DevOps team operates and iterates/releases.
- Handle capacity planning, tuning systems stability, provisioning, performance and scaling of the application infrastructure.

