



Gautam Kumar Mahato

Mobile : (+91) 9264120271 / Email : mahatogautam444@gmail.com

Professional Summary:

- Certified AWS Solution Architect - Associate Certification valid until Aug 22, 2025
- Facilitate business process reviews to identify customer requirements and processes
- Educate customers on the value proposition of AWS, and participate in deep architectural discussions to ensure solutions are designed for successful deployment in the cloud
- experience in 24/7 Working and troubleshooting
- Design and implement distributed applications on AWS
- On-Premise to Cloud migration
- Design and implementation of complex IT solutions (including scalable cloud-based solutions and microservices architectures)
- Experience in WorkFlow, SNS, Alert monitoring and resolution
- AWS Security: Compliance, Cloud Security Architecture, third party security tools/platforms, encryption/KMS/CloudHSM, Inspector, Macie, IAM policies/roles, Shield, WAF, etc.
- Proficient with JSON and AWS CloudFormation Professional Skill Requirements
- Experience in migration, monitoring, and running of production loads in the AWS environment.
- Design, implement and maintain all AWS infrastructure and services within a managed service environment.
- Act as the technical liaison between customers, partners, and support
- Experience with Cloudformation , Amazon Connect, Contact Flow Design, Lambda Integration,
- Design and develop infrastructure automation scripts using Cloud Formation .
- In depth knowledge of AWS services like Lambda, Cloudfront, API Gateway, SNS, Elastic Beanstalk.
- Designed, configured, and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack (VPC, Glacier, Route53, S3, RDS, Cloud Watch, Cloud Trail, WAF, SNS, and IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- Created and configured AWS EC2 instances using preconfigured templates such as AMI, RHEL, Centos, and Ubuntu as well as used corporate-based VM images which includes complete packages to run build and test in those Instances.
- Implemented AWS High-Availability using AWS Elastic Load Balancing (ELB), which performed a balance across instances in multiple Availability Zones.
- Worked on AWS API Gateway for custom domain and Record sets in Amazon Route53 for applications hosted in AWS Environment.
- Create and manage an AWS environment, utilizing the following features: VPC, IAM, ELB, EBS, SNS, cloud watch, building AMIs and snapshots, RDS, creating security groups, Subnets, route tables, security group and Storage Gateway.

Experience:

INFINITE BULLSEYE

Web developer

Solution Architect | Oct 2019 –present

projects:

- N-Tire Architecture Project set up with Amazon RDS
 - Implementation of Security for existing Applications
-
- ❖ Created and managed an **AWS environment**, utilizing the following features: EC2, VPC, IAM, ELB, EBS, SNS, cloud watch, S3, building AMIs and snapshots, RDS, creating security groups, Subnets, and Storage Gateway.
 - ❖ Defined AWS Security Groups, which operated as virtual firewalls, controlling the traffic allowed to reach one or more **AWS EC2 instances**, and enabled AWS CloudTrail to track user behavior, governance, and auditing of AWS accounts.
 - ❖ Worked with **AWS EC2 cloud services** to install, configure, and troubleshoot various Amazon images such as **Amazon Linux AMI, RedHat, Ubuntu**.
 - ❖ Experienced in CloudFormation, Autoscaling, Load Balancer.
 - ❖ Experienced in Redshift Data ingestion from S3 ie multiple data sources to S3, Data Processing by using AWS Glue.
 - ❖ Created Python scripts to completely automate AWS services such as **web servers, ELB, Cloud Front distribution, database, EC2 and database security groups, S3 bucket** and application configuration; this script generates stacks, single servers, or links web servers to stacks.
 - ❖ Wrote **Ansible Playbooks** in **YAML** to manage **Configurations, Orchestrations**, and remote machine deployments.
 - ❖ Responsible for creating **Ansible** Inventory files, hosts, handlers, tasks, templates, roles, and group vars to build and automate **AWS environments/infrastructure**.
 - ❖ Built **Ansible Tower** to manage many nodes and inventory in a variety of environments.
 - ❖ Improving **Continuous Integration** workflow with Virtual Environments such as **Docker** and automating the build process with Docker and related tools.
 - ❖ Worked with Docker-based container deployments, including dealing with **Docker images, Docker Hub, Docker-registries, and Kubernetes**.
 - ❖ Developed scripts in **Bash, PowerShell, and Python** to automate tasks.
 - ❖ Employing **DBMS implementation skills**, we lowered the cost of database migration by using **RDS and EC2 provisioning**, and we moved database schemas to secured servers using the Schema Conversion Tool.
 - ❖ Install, configure, update, and troubleshoot database servers like **MS SQL Cluster, MySQL, Oracle9i/10g/11g, Mongo DB 2.x and 3.0**.

Skill:

- AWS
- RDS
- Python
- JSON
- SVN/GIT/GITHub/Bamboo
-

Education: -

- Bachelor of Engineering (Mech), Anna university Chennai - Jun 2019

Certifications:

- [AWS Certified Solution Architect - Associate – AWS CSAA 02](#) – Aug 2022