

## **Professional Summary**

---

- Having 1.5+years of Experience as an Devops (AWS) Engineer
- Good working knowledge on Amazon Web Services (EC2, ELB, VPC, S3, Cloud Front, IAM, AMI, Route 53, and Cloud Watch) and complete understanding of security groups, routing tables.
- Experience in monitoring tools like **promethues, Grafana, sonarqube , elk**
- Working Experience on **GitHub, Git, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build pipeline**.
- Expertise Knowledge in version control system in **GIT**.
- Hands-on knowledge on CI/CD pipeline.
- Good knowledge on Linux Administration.
- Installed Jenkins custom Plugins, handled administration, backup activities.
- Experienced on **Branching, Merging, and Tagging** concepts in Version Control tool like **GIT**.
- Creating and managing Jenkins declarative and Scripted pipeline jobs for new deployments.
- Setting up and automating ECS cluster, services, task definitions and scheduled tasks using terraform.
- Build servers using AWS, importing volumes, launching EC2, security groups, auto scaling, Elastic load balancers (ELBs) in the defined virtual private connection.
- Experience in maintenance and configuration of user accounts for dev, QA, and production servers and created roles for EC2, RDS, S3, cloud watch, EBS resources to communicate with each other using IAM
- Build and configure a virtual data centre in the Amazon web services cloud to support enterprise data warehouse hosting including virtual private cloud (VPC), public and private subnets, security groups, route tables, elastic load balancer.
- Experience with AWS S3 services creating buckets, configuring buckets with permissions and logging
- Worked on **Terraform** for managing Infrastructure and Enhanced performance of Terraform modules.
- Build servers by using Terraform as infrastructure as code for provisioning, launching EC2, NAT instances, Security Groups, NACL's, Router Tables, Internet Gateways, Subnets, Auto Scaling, Load Balancer (ELB) in the defined virtual private connection (VPC).
- Using Lambda functions automate the AWS services (like SNS, EC2,AWS Config).
- Deleted unwanted AMIs/Snapshots by using Terraform.
- Worked on Lambda for automating operational resources there by reducing the cost to the company.
- Configured EC2 automatically start and stop by using Lambda function based on Events and Schedule.
- Highly skilled in deployment, data security and troubleshooting of the application using AWS services.
- Experience in planning, designing, implementing and maintaining system applications in AWS cloud in all platforms environments and experience in web/application.
- Proven ability to achieve /exceed the targets

- Responsible for launching Amazon EC2 cloud instances using Amazon web services and configuring launched instances with respect to specific applications and regions.

### **Work experience:**

- Working as a Devops (AWS) Engineer for **Quest Global Pvt.Ltd** since september 2020 Till date.

### **Academic Qualifications:**

- BSC.Computers, Himalayan university, Itanagar, Arunachal Pradesh, in the year of 2017 to 2020.

<b>Technical Skills:</b>	
<b>AWS</b>	<b>: EC2, AWS Lambda, Networking, Auto Scaling, CloudWatch, CLI, simple services, RDS, Cloud Trail, RDS, S3, IAM</b>
<b>Devops</b>	<b>: GitHub, Maven, Nexus, Jekins, Docker, Ansible ,Kubernetes</b>
<b>Automation tool</b>	<b>: Ansible,Terraform</b>
<b>Scripting Language : Python, shell script (Basic level)</b>	
<b>Operating Systems</b>	<b>: Linux, Window</b>

### **Project details:**

**Project 1 : Handzap**  
**Client :Handzap**  
**Designation : Cloud Engineer.**

### **Roles Responsibilities:**

- EC2 Cloning - Deploying servers using AMI backup, and configuring the EC2 according to the requirement.
- Having idea on troubleshooting AWS python related lambda scripts.
- Working on Terraform for managing infrastructure and maintaining two different environments by using terraform workspaces.
- Access to AWS code commit central repository and performing the stack updates with the updated code in respective branches.
- Manage and support Linux operating system and Windows Administration.
- Creating site to site VPN connections and establishing connections with on-prem routers.

- Worked on the EC2 launch templates versions to update the configurations and user data when required and recycling the same in autoscaling groups to take effect of new updates.
- Performing the Database Restores whenever required based on client requirements from backups.
- Performing Patching activities on the Auto scaling group instances to take effect of patched AMI.
- Configuring the secrets manager for managing passwords to rotate the keys in lieu of best practices between the databases, applications.
- Creating peering connections between two VPC's of customer.
- Creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Implemented Amazon RDS multi-AZ for automatic failover and high availability at the database tier.
- Providing granular permissions in IAM: Creating IAM user/Group and attaching custom policies as required.
- Configuring CloudWatch rules for triggering the backups and start and stop of EC2 machines through lambda scripts as per the client requirement timings to ensure high availability of Data.
- Performing Weekly Health checks on Backups, Monitoring, Antivirus, Incidents, and changes on the respective accounts Assigned.