

Name : Anuja Prasad Reddy
Email : anujareddy@gmail.com
Mobile : +91-8169061019

Professional Summary:

- ✓ Having around **1 years of experience** as a **DevOps** and **Aws Cloud** engineer, Support and Maintenance in environments like Linux, Centos and focus on DevOps tools and AWS Cloud Architecture.
- ✓ Experience in working on AWS and its services like **IAM, VPC, EC2, EBS, S3, ELB, Auto Scaling, Route 53, and SNS** and create custom sized VPC, subnets, NAT, EC2 instances, ELB and Security groups.
- ✓ Designed highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balancer and AMIs.
- ✓ Establishing connectivity to AWS Resources in another **VPC** in another region using AWS VPC Peering.
- ✓ Configured **S3 buckets** with various life cycle policies to archive the infrequently accessed data to Storage classes based on requirement.
- ✓ Creating alarms in **Cloud watch** service for monitoring the server performance, CPU Utilization, disk usage.
- ✓ Used Amazon RDS to create snapshot and automate backup of database.
- ✓ Experience on DevOps essential tools like **Ansible, Docker, GIT, Jenkins, Maven** to AWS and Managed Services like EC2, S3, Route53, ELB, EBS.
- ✓ Good Hands on experience in creating Jenkins jobs, plug-in installations, setting up distributed builds using master/slave concepts.
- ✓ Automated deployment of builds to different environments using Jenkins.
- ✓ Automate Deployment using configuration Management tool like **Ansible** to provision amazon AWS Instances to enable Continuous Deployments.
- ✓ Experienced in using Build Automation scripting like **Maven** as build tools for building of deployable artifacts (JAR, WAR) from source code.
- ✓ Worked on Provisioning of AWS instances using **Terraform** and User data.
- ✓ Experience in using **Tomcat** and Apache web servers for deployments.
- ✓ Experience in **Docker** like creating Docker images, containers, Docker files, tagging and publishing to Docker Hub.

Work Experience:

- ✓ Working as Devops and Cloud engineer in Accenture private limited from july-2021 to till date.

Technical/ Functional Summary:

Operating systems	Centos,Ubuntu
Version Control Tools	GIT
CI/CD tools	Jenkins
Provisioning tool	Terraform
Configuration Management Tools	Ansible
Containerization Tool	Docker, Kubernetes
Scripting languages	Bash Shell scripting and Python
Application server	Apache tomcat
Build Tools	Maven
Cloud Platform	Amazon Web Services: Elastic Compute Cloud(EC2), Simple Storage Services (S3), Route 53, Cloud Front, Virtual Private Cloud(VPC), Elastic Load Balancer(ELB), Auto-Scaling, IAM Roles, Users, Profiles, Elastic IP's

Projects Summary:

Project #1:

Project Name : **Balboa Insurance**
Client Name : Balboa Insurance company(USA)
Role : Associate Software Engineer
Environment : AWS, Linux, Git, Jenkins, Ansible, Terraform, Docker, Kubernetes.

Roles & Responsibilities:

- ✓ Setting up **EC2 instances** and prerequisites on the instances for deploying the applications.
- ✓ Designing and deploying **AWS** solutions using EC2, S3, Elastic Load balancer (ELB), auto scaling groups.
- ✓ Provisioning of AWS instances using **Terraform** and creating modules to create infrastructure of aws.
- ✓ Experienced on writing JSON code for creating infrastructure.
- ✓ Experienced in creating multiple **VPC's**, public, private subnets as per requirement and established connectivity to AWS Resources in another VPC in another region using **AWS VPC Peering**.

- ✓ Used security groups, network **ACL**'s, internet gateways and route tables to ensure a secure zone for organization. Used **Git** Hub repository to run **Jenkins** job for Continuous Integration.
- ✓ Installing and Configuring Jenkins, Installing plug-in, configuring security, creating a master and slaves for implementation of multiple parallel builds.
- ✓ Designed and documented CI/CD tools configuration management.
- ✓ Managing the working environments through configuration management tool **Ansible**.
- ✓ Working on **Ansible Playbooks** to bring the required infrastructure changes.
- ✓ Automated deployment of builds to different environments using **Jenkins**.
- ✓ Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to the Nexus repository.
- ✓ Experience in **Docker** like creating Docker images, containers, Docker files, tagging and pushing to Docker Hub.

Project #2

Project Name : **Medco Health Solution.**

Client Name : Medco Health Solution –USA.

Role : Freelancing Job

Environment : AWS, Linux, Git, Maven, Jenkins, Apache Tomcat.

Roles & Responsibilities:

- ✓ Designing and deploying AWS solutions using **EC2, S3**, Elastic Load balancer (**ELB**), auto scaling groups.
- ✓ Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- ✓ Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- ✓ Working on Multiple AWS instances, set the security groups, Elastic Load Balancer(**ELB**) and **AMIs**, Auto scaling to design cost effective and highly available systems.
- ✓ Configuring and Networking of Virtual Private Cloud (**VPC**).
- ✓ Creating **S3 buckets** and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.

- ✓ Used **Cloud Watch** to set alarms for notifications or automated actions, and to monitor logs for a better understanding and operation of the system.
- ✓ Strong working knowledge on **GIT**.
- ✓ Performing the regular tasks that include cloning, pulling the repositories, branching and merging.
- ✓ Responsible for creating Artifacts using **Maven** and deploying those artifacts into **Tomcat Server**.
- ✓ Installed and configured **Nexus** repository manager for sharing artifacts between internal teams.
- ✓ Used Maven dependency management system to deploy SNAPSHOT and RELEASE artifacts to **Nexus** to share artifacts across projects.
- ✓ Configured and managed Git plugins in **Jenkins** server.
- ✓ Responsible for configuring the slave nodes in **Jenkins**.

Educational Qualification:

- ✓ Bachelor of Engineering in Information Technology (2021) with 7.5 CGPA in MHSSCOE MUMBAI MAHARASHTRA, INDIA.
- ✓ Secondary and Higher Secondary Education-12th (2015-2017) with 74.6% in G.N KHALSA COLLEGE OF ENGINEERING