

B Ramanjaneyulu

Mobile: +91-8499988449

Email: ramanji0402@gmail.com

Professional Summary

- Having **2+ years of experience in Devops Build & Release and Aws Cloud**
- Configured and administered AWS (Amazon Web services) like **EC2** instances, **IAM**, **VPC**, **S3**, **EBS** volumes and snapshots, AMI's, **AUTO SCALING**, **Elastic load balancing**, **EFS**, **RDS**, **SNS**, **Route53**.
- Launching Amazon EC2 Cloud instance using Amazon Web Services and configuring launched instances with respect to specific applications.
- Creating Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Building customized Amazon Machine Images (AMI), Build instances and configures them as per requirements.
- Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
- Excellent skills in applying DevOps Continuous Deployment and Continuous Delivery processes & tools [Ex: **Git**, **Maven**, **Jenkins**, **Tomcat**, **Docker**, etc..]
- Administration/Maintenance experience of source control management systems, such as Version Control tool **GIT**.
- Managing github repositories and permissions, including branching and tagging.
- Hands on experience in **Maven** build tool for compiling and packaging the artifacts.
- Configuring Jenkins job with related Plugins for Building, Testing and Continuous Deployment to accomplish the complete **CI/CD**.
- Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds.
- Good knowledge on writing declarative pipelines scripts.
- Hands on experience in integrating **GIT**, **Maven**, **ApacheTomcat**, in jenkins
- Experience in supporting applications on different platforms Windows and Linux environments.
- Involved in writing of Dockerfile and build docker images from Dockerfile.
- Knowledge on **Crontab**

Skill Sets

Operating Systems	Linux and Windows.
Version Control Tools	Git, Github
Build Management Tools	Maven
Scripting Languages	Shell Scripting and Yaml
Web/Application Servers	Apache Tomcat, Nginx.
Continuous Integration Tools	Jenkins
Containerization	Docker
Monitoring Tool	Prometheus
Cloud Platform	AWS EC2,VPC, EBS, S3,IAM,EFS,RDS,ELB
Schedulers	Crontab

Education Qualification:

- B.Sc Computer Science from AN University, Andhra Pradesh, 2020.

Work Experience

- Working as DevOps build and release and aws cloud for Hcl Technologies Bangalore from 2019 to tilldate.

Project Details:

Project 1 : E-Commerce.

Role : Build & Release Engineer

Duration : Dec 2019 to Feb2022

Environment : AWS, Linux , Git,Github, Maven,SonarQube, Jenkins, Tomcat,

Contributions :

- Launching Amazon EC2 Cloud instance using Amazon Web Services and configuring launched instances with respect to specific applications.
- Creating Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Building customized Amazon Machine Images (AMI), Build instances and configures them as per requirements.

- Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
- Creating Elastic IPs, attaching and detaching to instances as per client request.
- Configured and managing S3 storage. Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Configure and maintain the Users and Groups policies and permissions in IAM. Creating and managing users, attaching policies and roles through IAM.
- Configuring and Networking of Virtual Private Cloud (VPC). Setup/Managing VPC, Subnets make connection between different zones.
- Setup Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS.
- Creating cloud watch alarms along with SNS notifications. Configuring SNS group for mail alert in AWS. Configuration monitoring for AWS in Cloud Watch.
- Creating own virtual private data centre in AWS Environment.
- Focusing on high-availability, fault tolerance, and auto-scaling.
- Making applications more scalable and highly available in AWS.
- Configured and managing security groups and VPC.
- Configured and managing ELBs and Auto Scaling.
- Attaching or Detaching EBS volume to AWS EC2 instance.
- Resizing the EBS volumes, mounting the volumes
- Worked closely with developers and Test teams to resolve the issues that rose during the deployments to Different environments.
- Setup Continuous delivery pipeline for deploying application on all pre-production environments.
- Carried Deployments and builds on various environments.
- Setup and Configure the continuous build system using Jenkins
- Implemented Shell scripts for deployment automation. Manipulated and automated scripts to suit requirement.
- Resolve **build** and **deployment** issues.
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins.
- Involved in building and deploying EAR/WAR files with configuration settings.