JAGADEESH
DevOps Engineer
Email: jagadeeshv054@gmail.com
Contact: +91-8247017642

PROFESSIONAL SUMMARY:
Having 3+ years of substantial IT experience with expertise in AWS cloud services, DevOps, Build and release Engineering, Software configuration Management (SCM), Cloud Infrastructure, Automation.

1. Experience working with AWS services - EC2, VPC, RDS, ELB, S3, SNS, Cloud watch, EBS, Route 53, Identity & Access Management (IAM), AWS CLI, Cloud Watch, Lambda and complete understanding of security groups.
2. Experience in DevOps tools like Git, GitHub, Jenkins, Maven, Apache Tomcat, Ansible, Docker, and Kubernetes.
3. Launching EC2, NAT Instances, Security Groups, NACL's, Router Tables, Internet Gateways, Subnets, Auto-Scaling, Load Balancers (ELBs) in the defined virtual private connection (VPC), and Working knowledge on Creation of custom AMI.
4. Created Load Balancers for EC2 instances within VPC, Adding Instances to launch Configuration to make online service highly available.
5. Creating routing policies to manage load on load balancers.
6. Handling multiple requests in IAM like creating users, MFA, groups, and roles. Creating /Modifying Policies according to user's access requirement.
7. Working with S3 to create the buckets to store objects.
8. Hands on experience in setting up Multi-AZ RDS instances for High Availability.
9. Assigning roles to EC2 instances and Lambda functions to access/store data from other AWS services like S3, Cloud watch etc.
10. Experience in using Lambda functions automate the aws services (like SNS, EC2, AWS Config)
11. Working knowledge of Setting up monitoring using Cloud Watch Alarms.
12. Hands on experience with version control tool like GIT.
13. Hands-on Experience with Build Tool Maven to generate project Artifacts (.jar, .war, .ear).
14. Experience in using various Jenkins Plug-ins to support building, deploying and automating the Project.
15. Hands on experience in automating a build process using JENKINS CI Tool.
16. Experience in Code Quality analysis tool like SonarQube by using Jenkins.
17. Experience in Implement Master-Slave architecture in Jenkins.
18. Good experience in deploying the artifacts in Tomcat Server.
19. Creating custom image from a Dockerfile.
20. Worked on Docker container, removing images, and managing Docker volumes.
21. Extensive Good Knowledge with configuration management tool like Ansible
22. Have a knowledge on cluster management tools like Kubernetes
23. Good interaction with developers, managers and team members to coordinated job tasks and strong commitment to work.

EDUCATION :

- **B.TECH** MECH from JNTUA University, Anantapuram.

TECHNICAL SKILLS:

Operating System	Linux
Version Control	Git , Github
Build Tool	Maven
Web/Application Server	Apache, Apache Tomcat
Virtualization	Docker
Continuous Integration Tools	Jenkins
Cloud Services	AWS (EC2, EBS, VPC, S3, AMI, IAM, RDS, SNS, ELB, Lambda,)
Monitoring	Cloud Watch
Configuration management Tool	Ansible

Professional Profile:

Working as an AWS/DEVOPS engineer in Cloud gate Systems India Pvt .Ltd From March 2018, In Bangalore.

Project Details:

Project 2:

Project   : Hanover
Organization   : The Hanover Insurance Group, Inc.
Duration   : Sep 2019 to till now
Technology   : Linux, Git, Jenkins, Nexus, Maven, AWS.
Application Server: Apache Tomcat
Designation   : AWS/DevOps Engineer.

Description: The Hanover is an Insurance company in the US and handling all billing and claims Operations. This is a complete digital presence analysis platform that enables reps to sell smarter And more efficiently. Reps can use it to easily pinpoint under-performing aspects of their Customers web presence and generate proposals on the spot to turn those weaknesses into Strengths.

Responsibilities:

- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
- Design and implemented Security using VPC, IAM, Security Groups and NACL.
- Configure Elastic Load balancer (ELB) including high availability of ELB using various subnets in various availability zones, configured security settings and health check for application.

- Created customized AMI's.
- Configured Launch Configuration and Auto Scaling groups.
- Created Multifactor Authentication (MFA) for IAM Users in the organization.
- Creating the DB Server environments using RDS and performing Read Replicas, multi-AZ for High Availability and Fault Tolerance.
- Performed S3 buckets creation, policies and on the IAM role-based policies and customizing the JSON template.
- Configured S3 Life Cycle Policies and cross-region replication.
- Configured SNS Notifications whenever new instances launched by using Auto Scaling.
- Setting up CRON Jobs to take daily backups of critical services using AWS-lambda.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.
- Creating War / Ear files using Maven and creating docker images using those war files
- Creating and managing Build Infrastructure by using Jenkins, Git, and Maven.
- Integrate with Git, SonarQube, nexus and Jenkins for Automatic Builds and sending email and slack notifications to groups.
- Setup Master and Slave machines on for a running the Jenkins Jobs parallel.
- Used Docker Container for running different individual services.
- Created Docker images, Docker containers and pushed Images to Docker private Registry.
- Attending Scrum Meetings with Dev & QA.
- Using Ansible implemented automation of certain software installation processes

Project 1:
Project: CIMB Bank.
Client: CIMB Group
Duration: April 2018 to August 2019
Technology: Git, Jenkins, Linux, Maven,
Application Server: Apache Tomcat.
Designation: Build and Release.

Description: The CIMB is a largest Malaysian bank which operates in Investment, Corporate, and Consumer Banking. The primary objective was to design the application to register a fraudulent Case and investigate, design payment reschedules and course of payment recovery.

Responsibilities:
- Creating branches and tags using Git.
- Maintain the Git Repository.
- Creating Jar / War Files Using Maven.
- Experienced with pom.xml files along with java web application.
- Automate the build process using Jenkins jobs.
- Monitoring daily builds using CI tool Jenkins.
- Verifying logs if the build fails.
- Deploying jar/war files in Tomcat app server.
- Verify Deployment logs to check for successful deployments.
- Deploy the artifacts into Nexus Repository.

- Created Virtual images for different platforms to reduce the hardware cost and waiting time for servers to build using Vagrant.
- Performing deployments to multiple environments like DEV, QA, PRO, UAT.

(JAGADEESH)