

YAMUNA N

DevOps & Aws Engineer

nagooryamuna249@gmail.com

Phone:9110544249

Professional Highlights

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

EXPERIENCE SUMMERY

- ✓ Hands on experience on Provisioning AWS resources Using Terraform modules
- ✓ Expertise in DevOps tools like Git, Maven, Jenkins, Ansible and Docker.
- ✓ Worked with Docker and created multiple containers and images. Configured these containers to communicate with each other.
- ✓ Used Docker for Ship, Run, virtualization, and Deploy the application with securely for fasten the Release/Build Engineering.
- ✓ Kubernetes for managing containerized workloads and service.
- ✓ Good knowledge in maintaining public Git Repositories such as GitHub.
- ✓ Strong background in Branching, Merging, Tagging, and maintaining the version across the environments using SCM tools GIT (GitHub).
- ✓ Extensive experience using MAVEN as build tools for writing build.xml and pom.xml and building of deployable artifacts from source code.
- ✓ Experience on all areas of Jenkins like Plugin Management, Securing Jenkins, Performance issues, Analytics, Scaling Jenkins, integrating Code Analysis and Test Phases to complete the CI/ CD pipelines within Jenkins.
- ✓ Worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
- ✓ Experienced with Ansible playbooks for virtual and physical instance provisioning, configuration management, patching and software deployment.
- ✓ Good interaction with developers, managers and team members to coordinated job tasks and strong commitment to work too
- ✓ Created NAT gateways and instances to allow communication from the private instances.
- ✓ Experience in long running applications, load balancing, EBS volumes and IAM role using Amazon EC2 instance.
- ✓ Experience in security policies like Security Groups, IAM roles and MFA.
- ✓ Implementation of Auto Scaling for instances under ELB using ELB Health Checks.
- ✓ Setting up the high availability load balancers on instances.
- ✓ Elastic Compute Cloud instances launch for Linux servers as well as Windows servers and Stop, Reboot, terminate instances with AWS, whenever required.
- ✓ Good experience in Creating/managing volume snapshots. Using volume snapshots of cloud instances and re-building the instances.

- ✓ To monitor and configure all running EC2 instances through Cloud Watch for in detailed.
- ✓ Good exposure to Agile ways of working
- ✓ Cost estimation for DevOps automation and helping PM's with technical challenges.

Technical Skills

Version Control Tool	:	GIT
Build Tool	:	Maven
Code Analysis	:	SonarQube
Continuous Integration Tool	:	Jenkins
Configuration Management Tool	:	Ansible
Virtualization	:	Docker
Cloud Technology	:	AWS
Operating System	:	Linux, Windows
Script Language	:	Shell Script, Python(Basics Skills)
LaC Tool	:	Terraform

Employment History

- ✓ Currently working as DevOps engineer in TCS since 2020 to till date

Project Experience

Project

Project : Cigna

Role : AWS & DevOps Engineer

Description :

Cigna is an American multinational managed healthcare and insurance company based in Bloomfield, Connecticut. Its insurance subsidiaries are major providers of medical, dental, disability, life and accident insurance and related products and services, the majority of which are offered through employers and other groups.

ROLES AND RESPONSIBILITIES

- ✓ Setting up CI/CD pipelines using GitLab and Ansible.
- ✓ Setting up CI pipelines using **Gitlab+Maven+SonarQube**.
- ✓ Project handover to the respective development team and knowledge transfer.
- ✓ Helping project managers with the scope and cost estimation for new projects.
- ✓ Automating server-side manual procedure like health check, backup, upgrade, post checks and rollbacks using **Gitlab+Ansible**.
- ✓ Develop and deliver automation software required for building amp, improving the functionality, availability of application and cloud platform

- ✓ Worked with CI/CD automation, Docker and deployed them using terraform.
- ✓ Design, architect and build self-service, self-healing, synthetic monitoring and alerting platform and tools.
- ✓ Maintaining the source code in **GIT** for various applications.
- ✓ Build container hosting-platform using **kunernetes**.

Declaration

I hereby confirm that the information given above is true to the best of my knowledge

(YAMUNA N)