

AZRA AMENA

DevOps Engineer

Contact

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Technical Skills

DevOps Tools :

- Git, Github
- Ansible
- Jenkins
- Docker
- Kubernetes
- Nagios
- Terraform
- Maven

Amazon Web Services (AWS) :

- Elastic Compute Cloud (EC2)
- Simple Storage Service (S3)
- Virtual Private Cloud (VPC)
- Relational Database Service (RDS)
- Elastic Load Balancer (EBS)
- Elastic File System (EFS)
- AWS CloudWatch
- AWS CloudFront
- AWS Route 53
- AWS Lambda
- IAM Role.

Operating System :

- Windows
- Linux/Unix

Education

B TECH 2023

Brilliant Group of institute
Hyderabad, Telangana.

Intermediate - 2019

Vignan junior college
Hyderabad, Telangana.

Course & Certifications

AWS and DevOps Certificated 2023
Full stack Academy
Hyderabad.

Career Objective

Enthusiastic about DevOps technologies, I bring expertise from managing diverse projects with various tools and platforms. Exhibiting exceptional working qualities, effective interpersonal skills, and a proactive problem-solving approach, I've successfully implemented DevOps strategies on AWS. Proficient in designing highly available systems, I have hands-on experience in CI/CD, Docker, Kubernetes, and overall DevOps processes.

Roles & Responsibilities

- Migration of infrastructure from AWS to AWS or AWS to other Cloud.
- Hands-on experience with **EC2, S3, RDS, ELB, VPC, IAM, Lambda, CloudWatch, Route 53** and other services of AWS Cloud.
- Manage and oversee AWS Infrastructure.
- Hands-on experience in Cloud automation using AWS Cloud Formation Templates to create custom sized VPC, subnets, NAT, EC2, ELB and Security groups.
- Creating and Managing DNS records on **Route 53**.
- Familiarity with version control systems such as **Git**.
- Creating post-commit and pre-push hooks using git REPOS.
- Hands on experience with Continuous Integration tools, such as **Jenkins**.
- Hands on experience with containerization tools, such as **Docker**.
- Using **Ansible**, for cloud provisioning, configuration management, and application deployment.
- Container Orchestration using **Kubernetes**. Installing and designing Kubernetes Multi Node Clusters and Single Node Clusters running jobs and deploying pods.
- CI/CD management and automation.
- Implemented CI/CD pipeline for application deployment using tools like Git, Jenkins, Docker, Kubernetes, Nexus.
- Through knowledge on Software Development Life Cycle(SDLC).
- Strong Knowledge on **Linux OS**.

Work Experience

Trainee - AWS / DevOps Engineer

Full Stack Academy, Hyderabad, India.

- Managing and working on Git/Github.
- Configure and manage automate servers on Jenkins.
- Develop and build projects on Maven.
- Working on CI/CD Pipeline.
- Management and automation using Ansible.
- Software built, test, deploy application using Docker.
- Hands-on Amazon web Services (EC2, S3, VPC, RDS, IAM, ELB, Route 53, CloudWatch).
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, RDS and IAM).
- Setup/Managing VPC, Subnets make the connection between different zones.
- Creating AWS Instances & Resources Bills.
- Windows servers & Amazon Machine Image.
- Creating Single Node Cluster & Multi Node Cluster on Kubernetes.

Internship

CI/CD (CONTINUOUS INTEGRATION / CONTINUOUS DEPLOYMENT)

PIPELINE ROLE: - Linux Administration Responsibilities.

- A well-played runner-up performing a role in Continuous Integration Pipeline which involved using various tools and platforms such as Jenkins, MVN, Nexus and SonarQube. ☑
- Improve CI/CD tools integration/operations, and full automation of CI/testing.
- Develop, scale, and control strategies, standards, guidelines, governance of Continuous Integration systems. ☑
- Join the ongoing design, implementation, and preservation of systems and tools across the cloud stack. ☑
- Collaborate with internal development and QA teams to help ensure end-to-end quality. ☑
- Troubleshoot issues along the CI/CD pipeline.