
FOUZIA BEGUM

AWS cloud and DevOps Engineer
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Dedicated and results-driven DevOps professional with 2.5 years of hands-on experience optimizing and streamlining IT operations.

AWS Cloud: (Services & Infrastructure)

- Work completely hands-on with highly available and scalable infrastructure in the AWS cloud by using various AWS services like; IAM, S3, Glacier, CloudFront, EC2, EBS Volumes, VPC, RDS, Route53, Elastic Beanstalk, CloudFormation, Security Groups, Load Balancing, Auto Scaling, CloudWatch, CloudTrail, Lambda, Dynamo DB.

DevOps Tools

Cloud Technologies	AWS.
Build Tools	Jenkins, Maven.
Container Technologies	Docker, Kubernetes.
Version Control System	Git and GitHub.
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	Jenkins
Programming language	Python, shell scripting, YAML, Groovy

Professional Summary:-

TRICODE Info Solution, Hyderabad — AWS cloud and DevOps Engineer.

June 2021– present

1) Project Name: CXP Portal

Client: Cisco

Role: Cloud and DevOps Engineer

Environment: Git, Maven, Jenkins, Docker, Ansible, Kubernetes, AWS (CloudFront, Lambda,

API Gateway,

Dynamo DB, Aurora, IAM, EKS, Step Functions, EC2, VPC, Cloud Watch), Terraform, Linux, Nagios.

Description:

CP (Customer Portal) is a Cisco Application used by Cisco customers to check the details about their contract with Cisco and upload details. This application processes the device data in the form of an upload and makes it

available at Cisco. As of now, these applications are hosted on VMs on on-premise. We moved all the application environments to containerize and placed them on the Kubernetes cluster and AWS Cloud platform.

Responsibilities:

- Environment setup and writing Jenkins jobs and pipelines.
- Troubleshooting and Handling Critical Production issues on Kubernetes and Cloud platforms.
- Containerized the applications using the Docker file
- Having Good experience in writing Kubernetes objects using YAML configuration files.
- Worked on EKS for Kubernetes on cloud.
- Writing ansible playbooks to pull the containers from the artifactory and deploy it in respective environments.
- Responsible for writing the Kubernetes objects.
- Used Elastic Beanstalk to deploy and scale. S3 for object storage, Lambda and API Gateway for serverless, IAM for managing the users and their level of access to AWS services.
- Good working knowledge of CloudFront Distributions and CloudWatch logs.
- Handling production-related issues on Elastic search, Kubernetes, and AWS.
- Good understanding and working experience in writing and deploying container-based applications on Kubernetes cluster environment (on-premise as well as cloud-managed Kubernetes platforms)
- Cloud watch for monitoring AWS Resources

2) Project Name: DB Palace Strategic Platform

Client : DB (Deutsche Bank)

Role: Cloud & DevOps Engineer

Team Size: 18

**Environment. : Docker, Ansible, Jenkins, Maven, Git
Java, REST API, Kubernetes, AWS.**

Description:

Investment Banking for Trading Cluster. Based on the current market need to calculate the Profit and Loss (P&L) and display it to the Customers.

Responsibilities:

- Follows the Agile development model 2 sprints in a month.
- Based on the change requirement need to create a branch in Jira and Source Tree. import the code from the bit bucket to the local environment.
- Perform the change and check the test cases locally. Move the changes to PR.
- Change the functionality suggested by the PR team.
- Move the code to the QA and UAT teams.
- for every review update the changes and logs in Jira under respective stories in the branch.
- Take the snapshot of the code and based on that snapshot version move the changes from the local environment to the feature branch (DEV1).
- Writing inventory files and ansible configuration files.
- Creating playbooks in Ansible for configuration and Deployment Automation
- Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
- Using Docker and have successfully set up a Dev & Test environment for Developers and testers by using Docker build & compose.

Bharat Institute of Engineering and Technology, Hyderabad — Assistant Professor.

Aug 2018 - Nov 2019

TECHNICAL EDUCATION

Full Stack Academy (Training and certification) AWS and DevOps Engineer --- 2020

EDUCATIONAL QUALIFICATION

MBA, B.COM (Computers) First Division with Distinction --- 2016

CERTIFICATIONS

1. Linux Unhatched from Cisco Networking Academy.
2. Python Essentials from Cisco Networking.
3. AWS cloud practitioner Essentials from AWS.
4. TCS-ION Young Professionals.
5. AWS Command Line Interface from Alison.
6. Python for beginners from Great Learning.
7. SQL for beginners.