

# Chaitanya Golhar

AWS Solution Architect Associate certified, I'm a DevOps and cloud enthusiast eager to contribute my skills and knowledge to organizational growth. Actively seeking opportunities to further enhance my capabilities in a dynamic tech environment.

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## EXPERIENCE

### Devops Intern | Digitalbackoffice

Remote | Feb 2022 - Jun 2022

- Managed AWS infrastructure using Terraform, including the setup of EKS clusters, VPCs, and RDS.
- Created and maintained Docker images for various applications.
- Troubleshooted and managed Kubernetes infrastructure, with EKS as the primary service.
- Developed EKS clusters using Terraform and deployed applications using Helm charts.
- Created and managed Helm charts for application deployment.
- Implemented GitHub Actions for CI/CD pipelines, automating the deployment of Docker images upon code push to GitHub.
- Wrote Python scripts to build Docker base images with different Python and R versions.
- Established CI/CD workflows to deploy Docker images to DockerHub using GitHub Actions.

### Engineer - Cloud & Infra Services | LTIMindtree

Bengaluru, Karnataka | July 26, 2022 - Present

#### CIS - Academy Training | July 2022 - October 2022

- Completed comprehensive CIS Training at LTIMindtree, honing skills in Linux Administration, Python, AWS, Networking, and PowerShell Scripting.

#### Jr. Cloud Engineer | October 2022 - February 2023

- Proactively monitored and managed Cloud Infrastructure, ensuring optimal performance of VMs, user operations, storage compute, and networking devices.
- Demonstrated proficiency in AWS by creating and managing S3 buckets, performing essential operations, and efficiently handling user permissions.
- Implemented robust security measures by creating roles and policies, contributing to a 25% reduction in security incidents.
- Contributed to network efficiency by creating and managing Virtual Private Cloud (VPC) networks, optimizing overall connectivity and performance.

## SKILLS

### Operating Systems:

- Linux
- Windows

### Scripting Language:

- Bash Scripting

### Programming Languages:

- Python
- C

### Cloud Platform:

- AWS
- AWS Services: IAM, EC2, EBS, EFS, S3, SNS, SES, VPC, NACL, Load Balancer, Autoscaling, DynamoDB, RDS, Lambda Function, CloudWatch, Route53, ESC, ECR, EKS

### Version Control Tool:

- Git
- GitHub

### Containerization:

- Docker

### Orchestration Tool:

- Kubernetes, Helm Chart

### Infrastructure as Code (IAC):

- Terraform

### Continuous Integration/Continuous Deployment (CI/CD):

- Jenkins

### ETL Tool:

- DataStage (Administrator)

## Data Middleware Administrator | Feb 2023 - Present

Project - CTI GCB | Client - CITI

- Monitored Infosphere suite (DataStage/Quality Stage) servers, efficiently resolving job locks, shared memory locks, and hung processes, ensuring a 20% reduction in incidents.
- Applied fixes, patches, and service packs promptly, contributing to sustained infrastructure and application stability.
- Proactively managed start/stop services, monitored logs, set up security measures, assigned roles, and project permissions.
- Developed a Python Automation Script for weekly health checks of DataStage Admin consoles, streamlining administrative tasks by 25%.
- Implemented a bash script for daily service checks on production servers, reducing manual efforts by 30%.

## EDUCATION

### Bachelor of Engineering in Mechanical Engineering

*K. K. Wagh Institute of Engineering Education and Research, Nashik*

**July 2018 - June 2022**

CGPA: **9.58**

## MINI - PROJECTS

### Project Title: Kubernetes Project: 2048 Game Deployment on AWS EKS

#### Description:

Successfully completed an end-to-end deployment of the 2048 Game Application on AWS Elastic Kubernetes Service (EKS) using Fargate and an Application Load Balancer (ALB) Ingress Controller.

### Project Title: S3 Static Website Hosting using Terraform

#### Description:

Developed a secure, scalable, and publicly accessible static website hosted on AWS S3 using Terraform.

### Project Title: CI/CD Pipeline for Two-Tier Flask Application Deployment

#### Description:

Developed a robust CI/CD pipeline to automate the deployment of a two-tier Flask application on AWS instances, ensuring scalability and high availability.

### Project Title: Automated MySQL Backup and Storage to AWS

#### Continuing Learning:

- DevOps Tools

## CERTIFICATIONS

AWS Solution Architect – Associate

AZ-900: Microsoft Azure Fundamentals Certification

AWS Partner: Accreditation (Technical)

## LANGUAGES

- English
- Hindi
- Marathi

## **S3 with Jenkins**

### **Description:**

Implemented an automated solution using Jenkins to perform daily MySQL database backups and seamlessly upload them to an AWS S3 bucket. Incorporated mail plugins for Jenkins to notify users upon successful job completion

## **Project Title: AWS Lambda Automation for S3 and DynamoDB Interactions**

### **Description:**

Developed a robust AWS Lambda function to automate updates in a DynamoDB table in response to upload and delete operations on an associated S3 bucket. Incorporated Amazon SNS for seamless notification delivery.

## **Project Title: Kubernetes Cluster Setup and MySQL-Flask App Deployment**

### **Description:**

Established a resilient Kubeadm cluster on dual EC2 instances, dedicating one to the Control plane and the other to the data plane. Installed Git and Docker on both instances.