

Gopineedi Chaithanya

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**CARRIER OBJECTIVE** Aspiring DevOps Engineer passionate about cloud infrastructure, automation, and continuous delivery. Aiming to grow into a skilled DevOps professional capable of optimizing software deployment and improving team productivity.

## SKILLS

- **Methodologies:** SDLC
  - **Cloud Platform:** AWS (EC2, S3, VPC, IAM, SNS, ASG & Load balancers, Serverless Lambda, Route53)
  - **SCM:** GIT, GitHub
  - **Build Tool:** Maven
  - **CI/CD:** Jenkins
  - **IAAC tool:** Terraform
  - **Containerisation:** Docker & Kubernetes
  - **Configuration Management:** Ansible
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  - **Database:** AWS RDS (MySQL)
  - **Monitoring:** CloudWatch
  - **Scripting:** Bash

## PROJECTS

Automated Portfolio Deployment using GitHub & Jenkins on AWS EC2 :

- Designed and implemented a CI/CD pipeline to automatically deploy a personal portfolio website.
  - Integrated github webhooks with Jenkins to trigger builds on every commit.
  - Configured jenkins jobs to pull code from github and deploy updated files to nginx web server running on AWS EC2.
  - Automated deployment with shell scripts for copying, renaming, and restarting services.
  - Ensured high availability by configuring nginx as a static web server.

#### **Implemented three-tier Architecture for Multi-AZ:**

- Designed a three-tier application architecture on AWS with isolated web tier , application tier, and database tier for scalable deployment
  - Application load balancer (ALB) for intelligent traffic distribution between auto scaling groups (ASG) of EC2 instances.
  - Network security via security groups and restricted access between web to app and db
  - Managed nat gateways and internet gateways for secure routing of outbound and inbound traffic.
  - Implemented vpc with public and private subnets across multiple availability zones ensuring high availability zones

EDUCATION

Centurion University of Technology and Management, Vizianagaram, Andhra Pradesh B. Tech in Electronics Communications and Engineering	2021-2025 7.83CGPA
Sri Chaitanya Junior College, Gudivada Intermediate, Board of Intermediate Education, Andhra Pradesh (BIEAP)	2019-2021 53%
Vidyalaya Public School, Gudivada 10th, Board of Secondary Education, Andhra Pradesh (BSEAP)	2019 8.3 CGPA

## CERTIFICATIONS