

Gopineedi Chaithanya

+ 91 8688238211 || chaithanyagopineedi@gmail.com || <https://www.linkedin.com/in/chaithanya-gopineedi> || <https://github.com/chaithanya33>

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

CERTIFICATIONS