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.

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*

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

SKILLS

- **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
- **Database**: AWS RDS (MySQL)
- **Monitoring:** CloudWatch
- **Scripting:** Bash

CERTIFICATIONS

- NPTEL Cloud Computing
  Link

- AWS Cloud Essentials
  Link