MANOJ KUMAR REDDY LINGALADINNE

CONTACT

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EDUCATION

B Tech in Computer Science Engineering with specialization in Data Science from Sreenidhi institute of Science and Technology

PROGRAMING LANGUAGES

- C++ Language
- Java
- Python

SKILLS

- Kubernetes
- AWS
- Docker
- Linux
- Git, Github
- Bash and Python
- Argo CD

LANGUAGES

- English
- Hindi
- Telugu

PROFILE

A motivated and detail-oriented aspiring DevOps Engineer passionate about automation, CI/CD, and cloud technologies, actively seeking opportunities to contribute to scalable, reliable, and efficient infrastructure in dynamic environments.

PROJECTS

End to End CICD Implementation - Jenkins
Implemented an end to end CI/CD pipeline for java based application using Jenkins declarative pipelines.
As part of the pipeline, I have implemented various stages such As Build, Unit testing, static code analysis, SAST, DAST, Creation Of Docker Images, Deployment on Kubernetes platform using Argo CD.

Implemented Three Tier Architecture - AWS
Implemented a three tier Architecture that is highly available And scalable using Terraform and deployed the application On Ec2 Instances using the User Data script.
AWS Components Involved:
VPC, ASG, Route53, CDN, ELB, EC2, S3, NAT, API Gateway.

Cloud Cost Optimization - AWS
Used the combination of AWS cloud watch and Lambda functions
To decrease the cloud cost by 25 percent.
Implementation:
Created lambda function in python, used the botoz module to interact With AWS service APIs and this lambda function is triggered by Cloud Watch events.
This lambda function would watch for any unused EBS snapshots and Either delete them or send out notification to the snapshot owner.

EXTRACURRICULAR ACTIVITIES

Core Team Member of C3 Club -
Organized a 12-hour AI Hackdays Hackathon, managing logistics and team coordination for seamless execution. Fostered collaboration and innovation, gaining hands-on experience in event planning and AI problem-solving.