

GUGULOTH KISHOR

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PROFILE SUMMARY

Driven computer science student (2026 graduate) with hands-on knowledge of Linux, shell scripting, Docker, Kubernetes, Terraform, AWS, and Grafana, aiming for an entry-level DevOps role to automate infrastructure and support cloud-native solutions.

EDUCATIONS

Institute of Aeronautical Engineering

Hyderabad

Computer Science and Engineering (Cyber Security) CGPA: 8.24

2022-2026(Expected)

Narayana Junior College

Hyderabad

Intermediate Percentage: 90.2

2021-2022

SKILLS

Technical skills:

Programming Language: C/C++ | **Operating Systems & Scripting:** Linux, shell scripting | **Version Control:** Git, GitHub

Database management System: SQL, Mongo DB | **Container Platform:** Docker

Orchestration & Cloud: Kubernetes, AWS | **Configuration Management & CI/CD:** Ansible, Jenkins | **Monitoring:** Grafana

Soft skills:

Communication, Collaboration, Adaptability, Time Management, Attention to Detail, Proactiveness, Continuous Learning.

PROJECTS

Infrastructure as Code and Monitoring with Terraform, Kubernetes & Grafana

2024 – 2025

- Provisioned cloud infrastructure on AWS using Terraform scripts implementing VPCs, EC2 instances, and storage buckets.
- Deployed containerized applications on Kubernetes clusters and automated deployment workflows using Helm charts.
- Set up Prometheus and Grafana for real-time monitoring and alerting of infrastructure and application health.

Dockerized Application Deployment with Shell Scripting

2024 – 2025

- Containerized a sample web application using Docker to standardize the development and testing environment.
- Wrote Dockerfiles and Docker Compose files for seamless multi-container setup.
- Automated image building and container orchestration through shell scripts to simplify deployment.

Simple CI/CD Pipeline with Jenkins and GitHub

2024 – 2025

- Developed an automated Jenkins pipeline that builds, tests, and deploys a Dockerized application triggered by GitHub commits.
- Integrated Jenkins with email notifications to alert the team on build successes or failures.
- Simulated deployments using a local Kubernetes environment to gain hands-on experience in orchestration.

ACHIEVEMENTS AND CERTIFICATIONS

- Cleared HackerRank Intermediate SQL Certification
- Oracle Cloud Infrastructure 2025 Certified Foundations Associate
- Completed AWS Getting Started with Networking
- Completed AWS Getting Started with Serverless
- Codeforces Contest Maximum Rating: 981