

ROHITH GOWDA K

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Summary:

- An aspiring DevOps Engineer with hands-on experience deploying, automating, and optimizing software development processes. Eager to contribute to a dynamic team and grow within a forward-thinking organization.
- Proficient with DevOps tools such as Git, GitHub, Maven, Jenkins, Ansible, Docker, Kubernetes, and Terraform.
- Good knowledge of VCS tools like Git and GitHub, creating branches, merging.
- Good understanding of Build Tool like Maven.
- Hands-on experience implementing and managing CI/CD pipelines using tools like Jenkins.
- Good Knowledge of Ansible, creating playbooks, inventory, and writing YAML code.
- Hands-on experience creating and managing docker containers and docker-compose.
- Proficient in deploying and managing applications in Kubernetes environments
- Hands-on experience with infrastructure as code (IaC) tools such as Terraform.
- Proficiency in scripting languages such as Python.
- Hands-on experience with AWS services such as EC2, S3, IAM, and VPC.
- Strong understanding of networking concepts, including TCP/IP, DNS, HTTP/HTTPS, Routes, IP Addressing, and Subnet.

Education:

B.E in Computer Science and Engineering
Government Engineering College, Ramanagaram

Aug 2019- May 2023
7.45 CGPA

Skills:

- Operating Systems: **Linux, Windows**
- Version Controlling System Tools: **GIT, GitHub**
- CI/CD Tool: **Jenkins**
- Build Tool: **Maven**
- Configuration Management Tool: **Ansible**

- Application/Web server: **Tomcat, Nginx**
- Artifact Management: **JFrog**
- Containerization Tools: **Docker and Kubernetes**
- Infrastructure as a Code: **Terraform**
- Automated Code Review: **SonarQube**
- Scripting Language: **Python**
- Monitoring Tools: **Prometheus, Grafana**
- Cloud: **AWS**
- **Networking** (basic knowledge)

Soft Skills:

- Strong problem-solving and analytical abilities
- Excellent communication and teamwork skills
- Adaptability and quick learner

Hobbies/Interests:

- Researching and working on new concepts to increase my skill level.
- Enjoy experimenting with new technologies and tools.
- Exercise, Reading, and watching movies.

Project:

Title: Using Terraform, Jenkins, and AWS to deploy REST API

- Tools used for this project Terraform, Jenkins, and AWS.
- For this application, I am building a REST-based application, where I have some rest endpoints, and those rest endpoint applications will be able to store the data in the database that will be an RDS instance using MySQL. this whole application is going to be our Python Flask application.
- here using my custom domain, I'll be using my REST API services deployed onto my ec2 instance, so that the ec2 instance will store the data onto our RDS instance using MySQL.