**Project 1:**

**Name:** AI Anime Recommender

Above project using below stacks (Grafana Cloud, Mini Kube, Chrom DB, Lang chain, hugging face, GCP, Docker ,Kubernetes )

**Tech Stack:**

1. Groq: LLM
2. Hugging face Model: embedding Model
3. Lang chain; Generative AI framework to interact with LLM
4. GCP VM: VM that can be accessed on cloud. it’s a service offered by google cloud
5. Mini Kube: For making a Kubernetes cluster where you can deploy your application
6. Streamlit : To make UI or frontend of the app
7. Docker: for containerization of the app during deployment.
8. Grafana Cloud: Monitoring your Kubernetes Clusters.
9. Chroma DB: Local vector store for storing embeddings
10. Kubectl : command line interface to interact with your Kubernetes
11. GitHub: It will work as SCM for your project

A diagram of a computer

AI-generated content may be incorrect.

Step 1: Setup configuration