Description

You'd need to prepare a simple service which uses a storage dependency(Redis/MySQL/etc.) written in your language of choice, prepare a Dockerfile and a Helm chart for it and deploy it to a Kubernetes cluster provisioned by yourself.

Requirements

- You can use any Kubernetes provider/deployment way you'd like

- All the other Helm charts used in the deployment should be listed

- The resulting deployment files must have the ability to be deployed in a few(ideally one)

commands

- All the development history should be recorded in Git

- The resulting Git repository should have a README with enough information to do a full

deployment from scratch

Bonus points

- Terraform files to provision a K8s cluster on the cloud

- Ruby or Golang solution for bumping application version

Deliverables

- Deployment platform Git repository **tarball/zip** with README included

- [Optional] Screen recording of the whole deployment and teardown process