Technical Assessment
DevOps Engineer

Intent

- ☐ Display familiarity with Docker, Kubernetes Git & Pipelines
- ☐ Ability to study requirements and reach an outcome within a timeframe
- ☐ Communicate the solution through configuration files & repository README

Tasks

Dockerise the application

- ☐ Create a free GitHub / GitLab / BitBucket account using any name (or use your existing personal account)
- ☐ Create a public repository called docker-pipeline-demo (GitLab or Github)
- ☐ Add a Docker file to allow a Docker image to be created for the application
- ☐ Update the README.md file and explain how to build and run the container locally and any other information you would like to share.

CI/CD

- ☐ Setup a build / publish pipeline to build the images on every commit (both Gitlab and Github Actions provides free tiers)
- ☐ As a part of the pipeline, push the built docker image to a docker registry automatically (both Github and Docker provides free accounts)
- ☐ Use Helm to create a chart for this application, it should support deployment to any defined environment, you are free to choose a naming convention that works for you. Include a Deployment, Service, Ingress and Configmap as resources.

Please share the repo url with the Talent Acquisition Specialist once you are done

Thank you