



Linkfire Assignment - CloudOps Engineer

The test objective is to emulate a cloud/docker/kubernetes environment where it needs a CI/CD pipeline.

We will evaluate you on the following:

- Ability to write code that is clean, readable and easy to maintain.
- Ability to understand the principles of cloud, docker and Kubernetes
- Ability to organize and document your code/manifests.
- Ability and knowledge about cloud and container ecosystem

The expected time to solve this assignment is 2 to 4 hours.

Tasks:

- Create or use an existent application, it must be dockerized.
- Create the necessary Kubernetes manifests
- Create a pipeline to build and deploy this app into Kubernetes
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We primarily use cloud, but feel free to use any cloud provider (free tier) if you want to, or just teach us how to run it locally :D

We don't want to take too much time from you so this test should be something easy to do, but feel free to go further.

Submission

Please submit the git repository (github / bitbucket) containing the source code along with any accompanying deployment scripts and documentation. The code should be deployable such that

it can run locally or deployed as a service.