# Platform Engineer

### Exercise 1

Write and deploy a web-server application in any language of your choice to kubernetes cluster running in any cloud provider of your choice.

- This Web app must show Homer Simpson picture when accessing /homersimpson and the time in the moment of request in Covilha City (Portugal) when accessing /covilha.

- Run on a static-IP

- Only the port 80 should be open

- Application should have built-in prometheus exporter and provide two metrics:
    - Total number of requests to /homersimpson uri
    - Total number of requests to /covilha uri

### Exercise 2

Deploy prometheus server (everything should be made with any configuration management mechanism).

- Create a VM in any cloud provider of your choice.

- Deploy a Prometheus server of any version to that VM

- Configure Prometheus server to scrape metrics from your application

All the code written during assignment should be stored in some public repository with README.md that briefly explains your decisions and choices.