Basic deployment on kubernetes

Attached is a nodeJS simple web server application running on localhost: 8083.

If you want to run it, go inside this directory and perform;

-$ npm install
-$ npm start

Open the browser and type localhost: 8083

You will see a response

Server responded with success!!

Instructions

- You will be given two days to complete and submit the test.
- Upon completion, email the source link to hr@emumba.com.
- You can explore the following tools to attempt the task.
    - Docker
    - Kubernetes
    - Minikube
    - DockerRegistry

Task

You are required to do the following;

1. Create a Docker file for this application.
2. Provide a script (bash/python/any other language) that;
A.   Creates an image with appropriate tag.
B.   Push the image to docker hub (create account on docker hub).
C.   Creates a container with this image.

After running the script, server response should be accessible at localhost:9000

3.   Write a kubernetes deployment and service yaml files. Along with Instructions to run and access the application on kubernetes (minikube).

All scripts and configuration files to should be uploaded to github with a README.md with instructions and github link needs to be shared.