

## **Devops position – Home assignment**

Most of our daily work is related to Docker, Jenkins, Git repos, etc. in the following assignment you will try to create an environment that will best describe the knowledge we are looking for.

Please follow the instructions, and if some of the instructions are not clear, just go ahead with your understanding, and make sure to notify us about it :)

We would like you to provide us a running Jenkins server, that will initiate a python job on any merge request.

- You can use any git service you want, and any open-source tools that may help you.
- All the system should be run as a container, using a single command from cli.
- The assignment output will be a link to a (public) repository with the files describes below:
  1. README (instruction on how to run the container)
  2. Jenkinsfile
  3. main.py (python script that prints "Devops is great")
  4. Dockerfile (can be multiple Dockerfiles)
  5. docker-compose

### **Points to take into consideration:**

- Storage
- Security
- Maintainability

**IMPORTANT: NO NEED TO PROVIDE IP FOR JENKINS (localhost is good enough)**

Good luck 😊