

ASSIGNMENT - 4

Assignment Date	10 November 2022
Project Name	Skill/Job recommender application
Team ID	PNT2022TMID19135

1. Pull an image from docker hub and run it in docker playground.

02:45:24

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdiinsm3_cdi8ee3tccg00a7r6qg

IP: 192.168.0.28 OPEN PORT

Memory: 1.14% (45.68MiB / 3.90GiB)

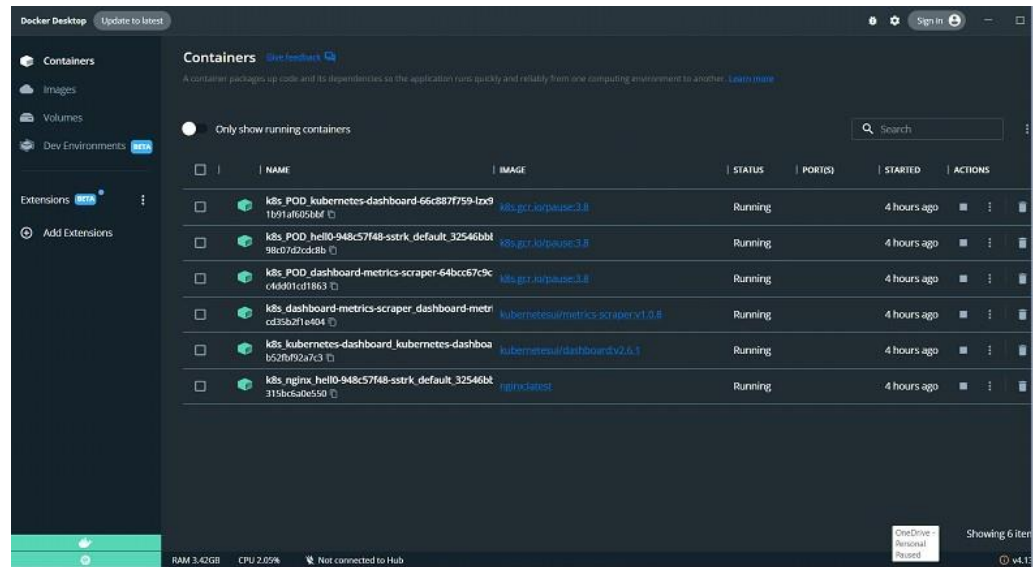
CPU: 0.00%

SSH: ssh ip172-18-0-53-cdiinsm3tccg00a7r5n0@direct.labs.play

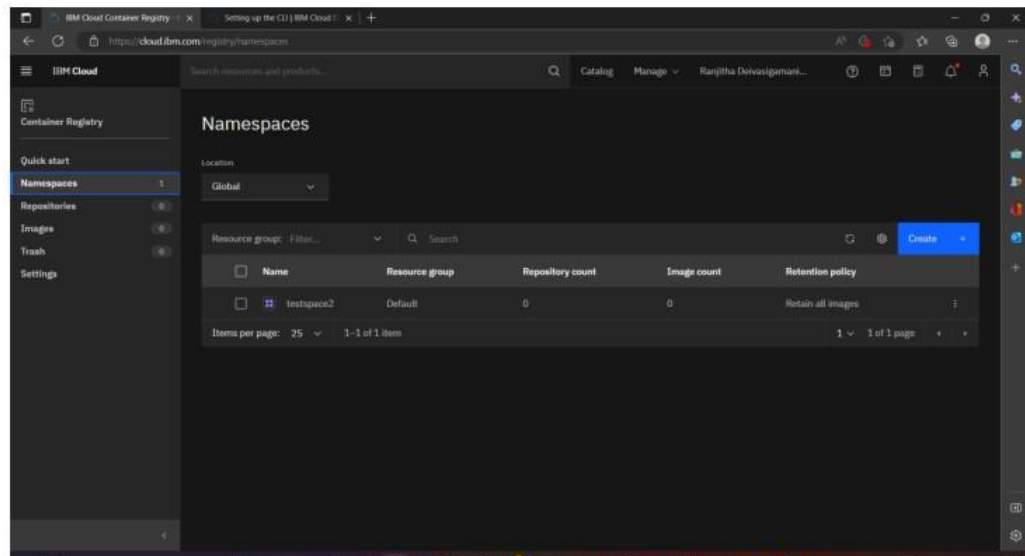
DELETE EDITOR

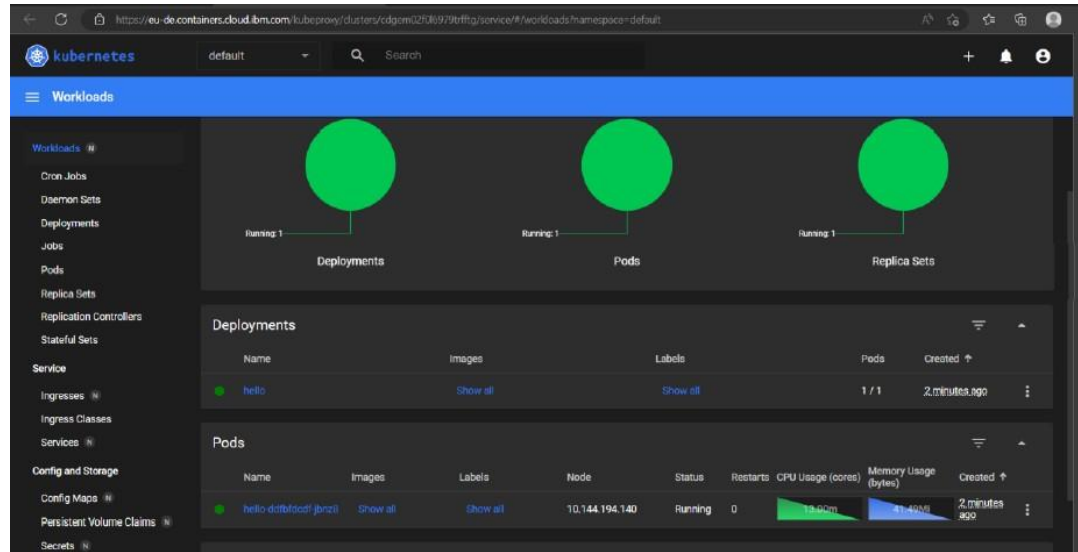
```
[node1] (local) root@192.168.0.28 ~
$ docker build -f helloapp .
Sending build context to Docker daemon 24.50kB
Step 1/6 : FROM python
latest: Pulling from library/python
17c9ec41f1db: Pull complete
9d4efc6caaa8: Pull complete
6edced8587e6: Pull complete
a79e9c9fbf46: Pull complete
74fbfde6af91: Pull complete
16451aee8999: Pull complete
e9ee507bb0de: Pull complete
6d9db346d211: Pull complete
3b9b3c4e849c: Pull complete
Digest: sha256:fcc9b8da71c9870cc7e2d2244bcb9b1a37638978a669f2aaf6267db43e89fd
Status: Downloaded newer image for python:latest
--> 00cd1fb8bdc0
Step 2/6 : WORKDIR /app
--> Running in e91d12fa1f22
Removing intermediate container e91d12fa1f22
--> 1c60c3bb3bef
Step 3/6 : COPY . .
--> 2c31f6eb4314
```

1. Create a docker file for the job portal application and deploy it in Docker desktop.

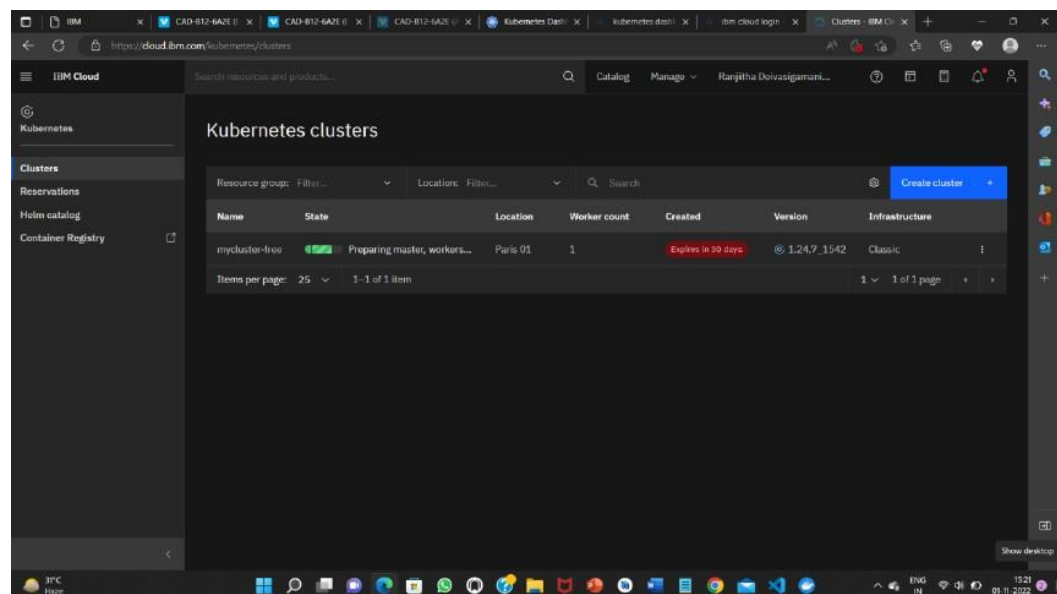


2. Create an IBM container registry and deploy “Job Portal”.





1. Create a kubernetes cluster in IBM cloud and deploy “Job portal” image and also explore the same app to run in nodeport.



Welcome to JOB PORTAL

This is a demo page for Docker & Kubernetes