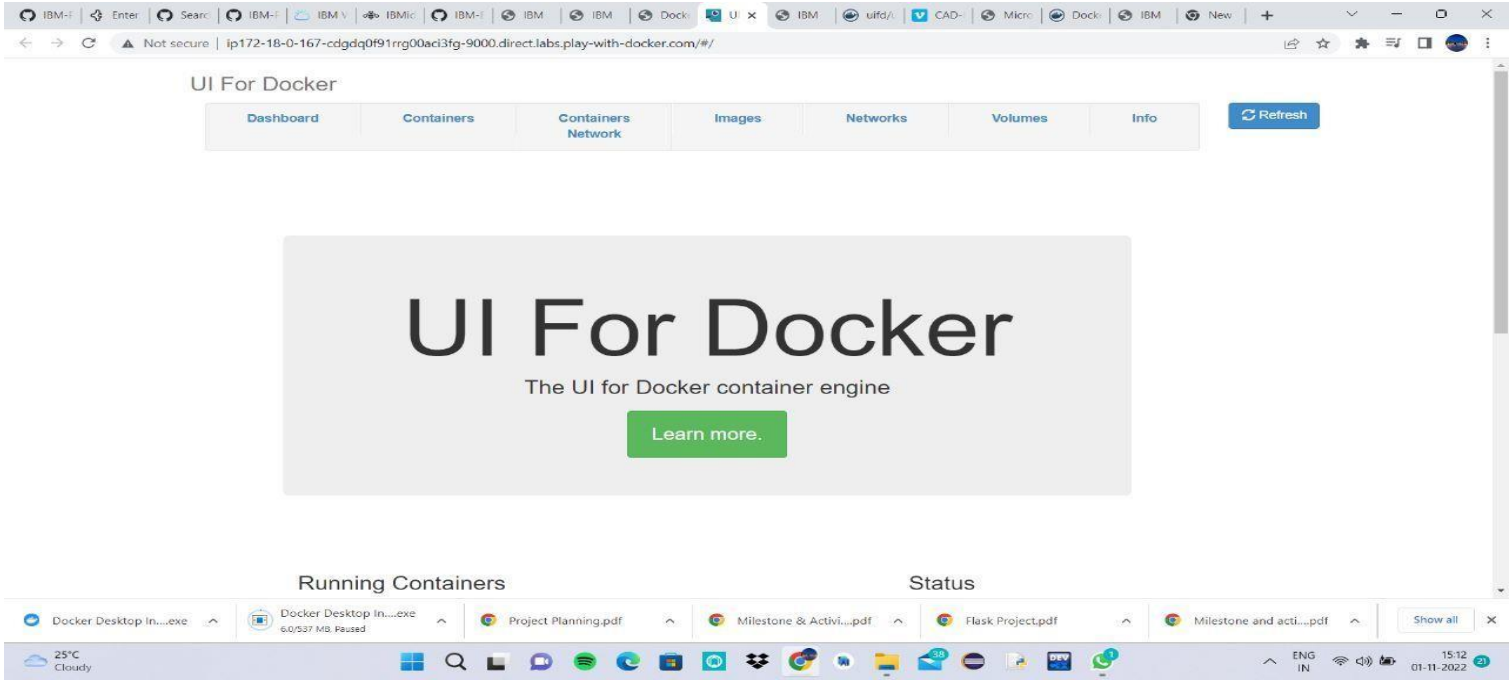
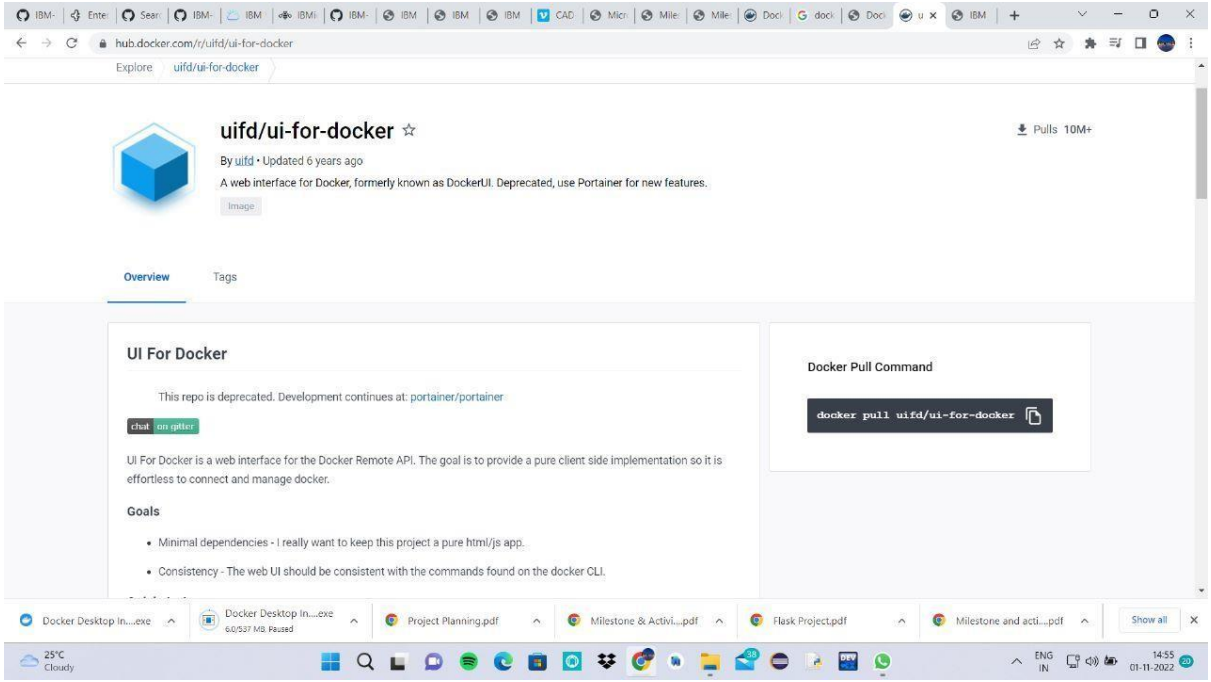
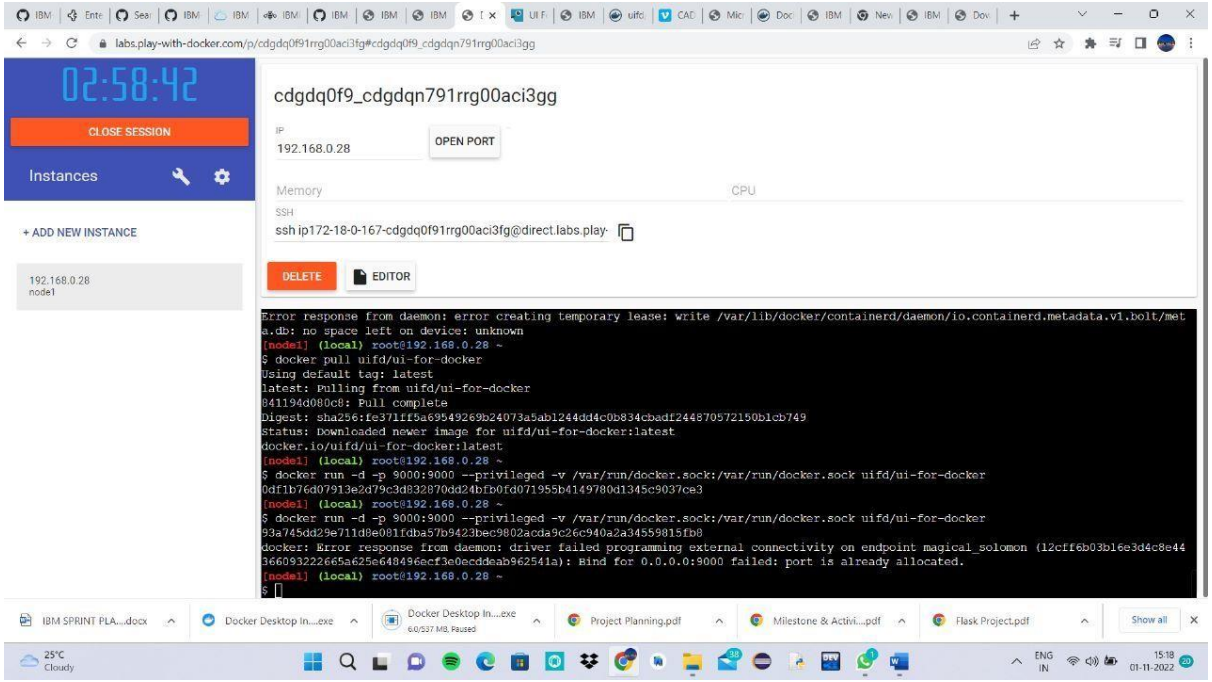
# ASSIGNMENT-4.1

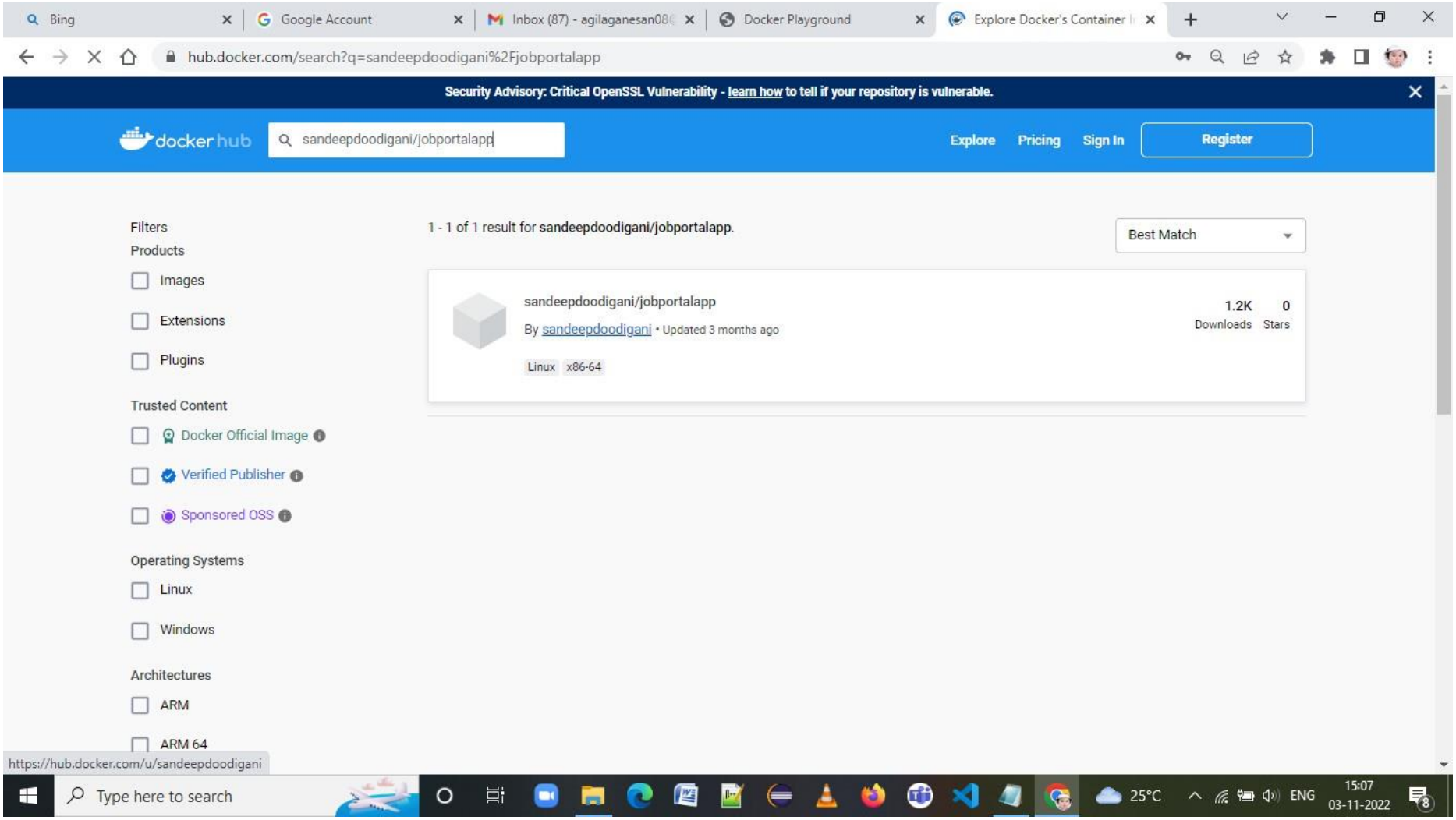
## 1. Pull an Image from docker hub and run it in docker playground.

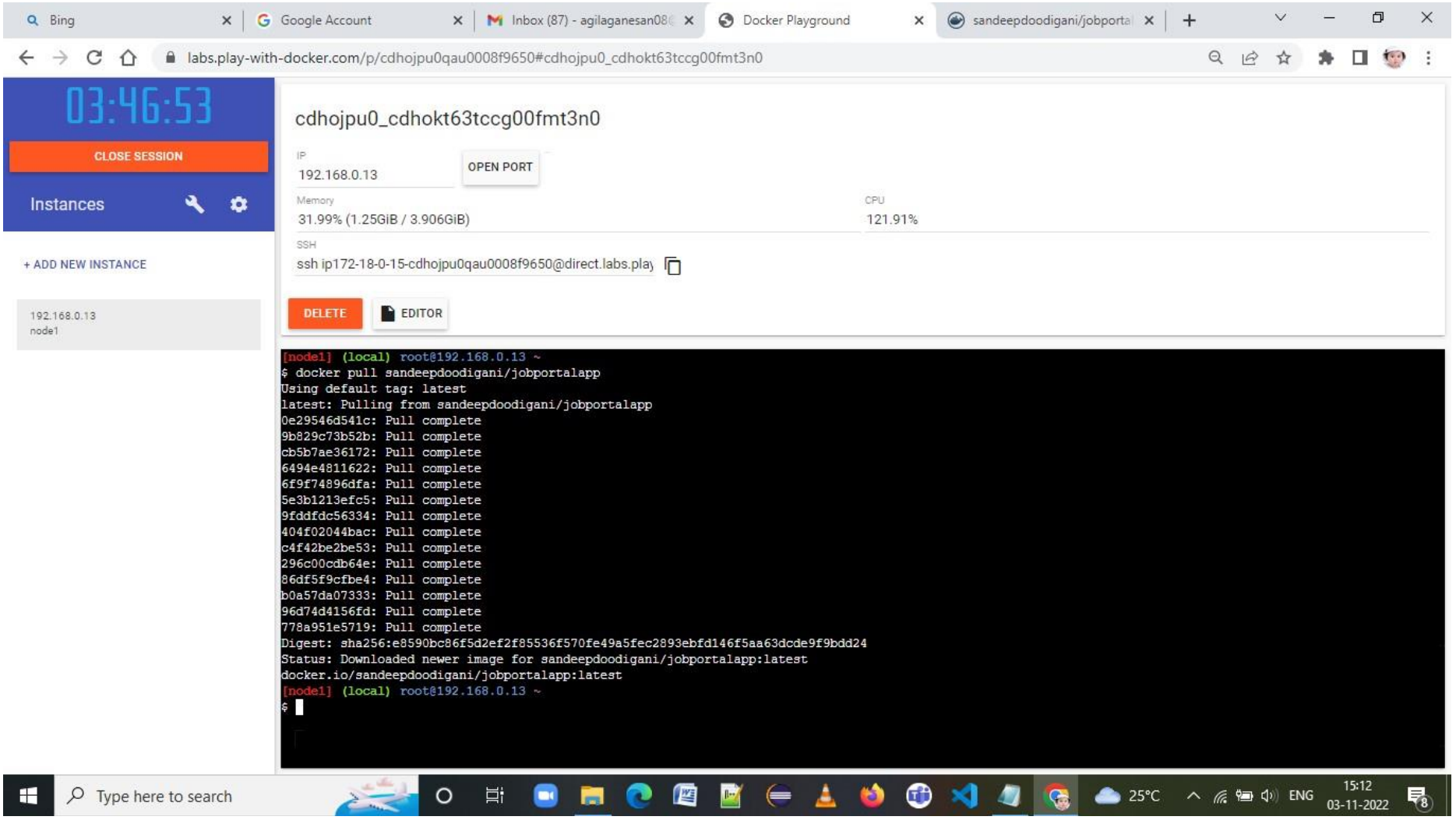


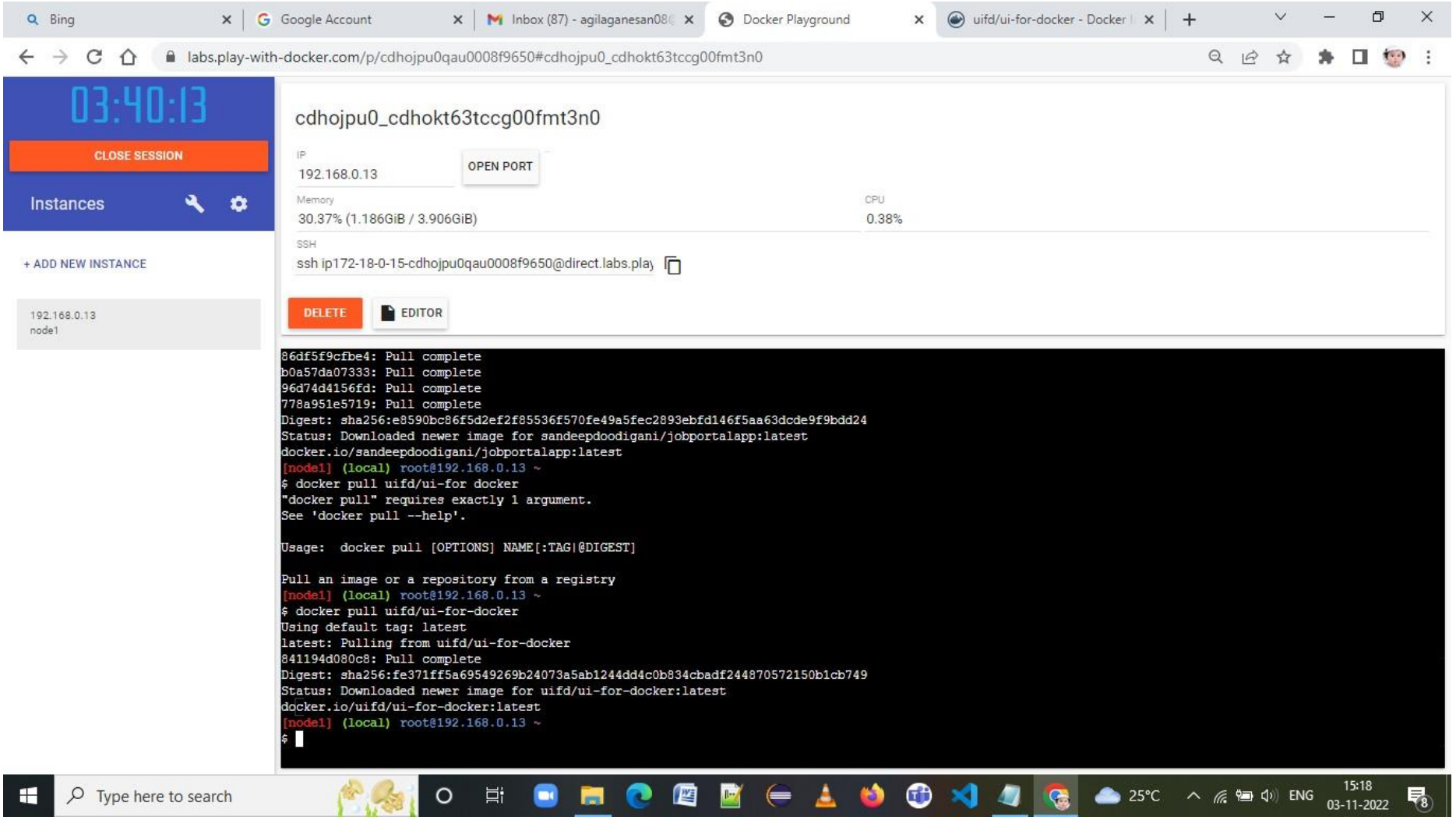

hub.docker.com/r/uifd/ui-for-docker
Explore
uifd/ui-for-docker
uifd/ui-for-docker
Pulls 10M+
By uifd • Updated 6 years ago
A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
Image
Overview
Tags
UI For Docker
This repo is deprecated. Development continues at: portainer/portainer
chat on gitter
UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so it is effortless to connect and manage docker.
Goals
Minimal dependencies - I really want to keep this project a pure html/js app.
Consistency - The web UI should be consistent with the commands found on the docker CLI.
Docker Pull Command
docker pull uifd/ui-for-docker
Docker Desktop In....exe
Docker Desktop In....exe
6.0/537 MB Paused
Project Planning.pdf
Milestone & Activi....pdf
Flask Project.pdf
Milestone and acti....pdf
Show all
25°C
Cloudy
ENG
IN
14:55
01-11-2022

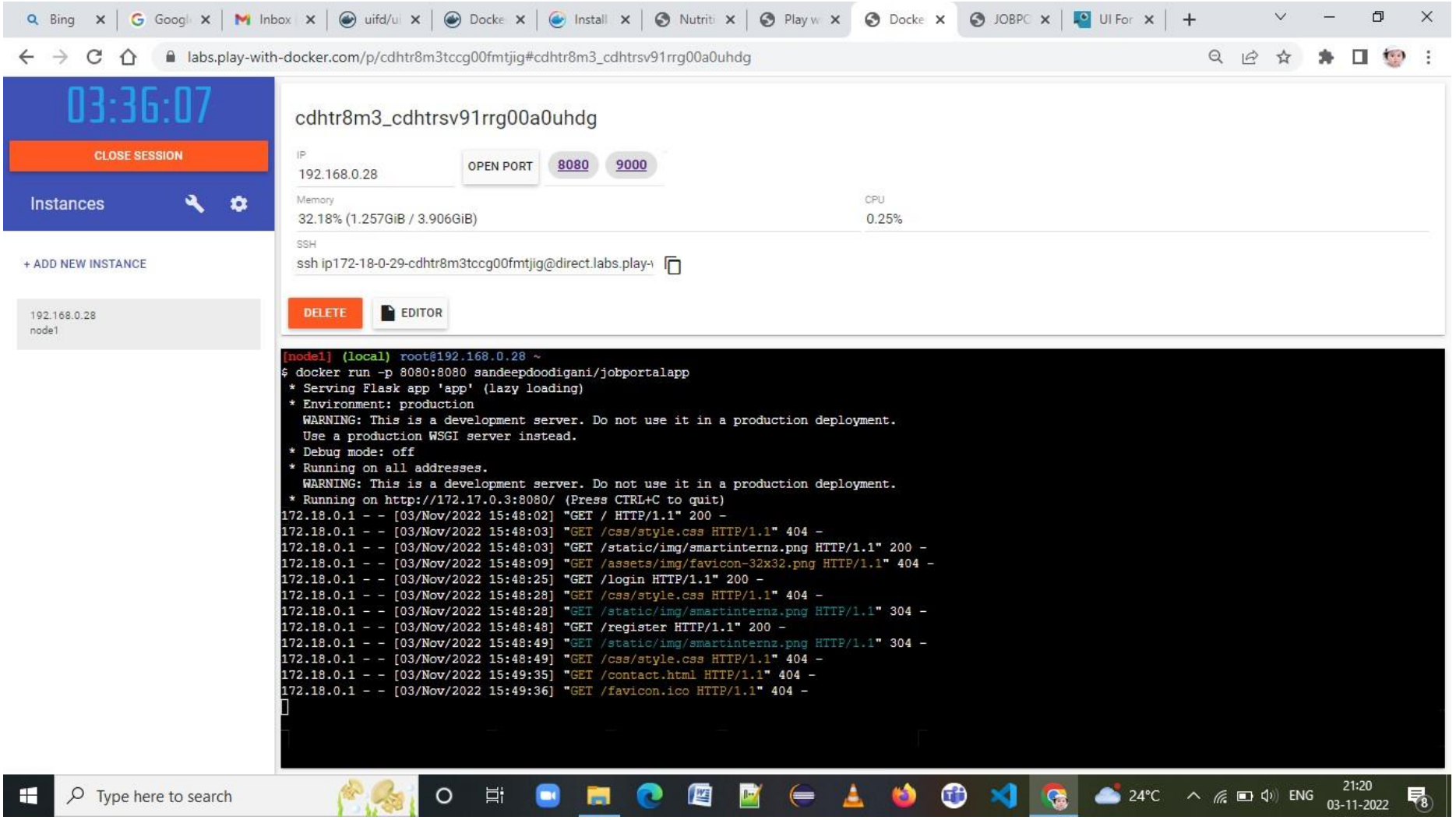


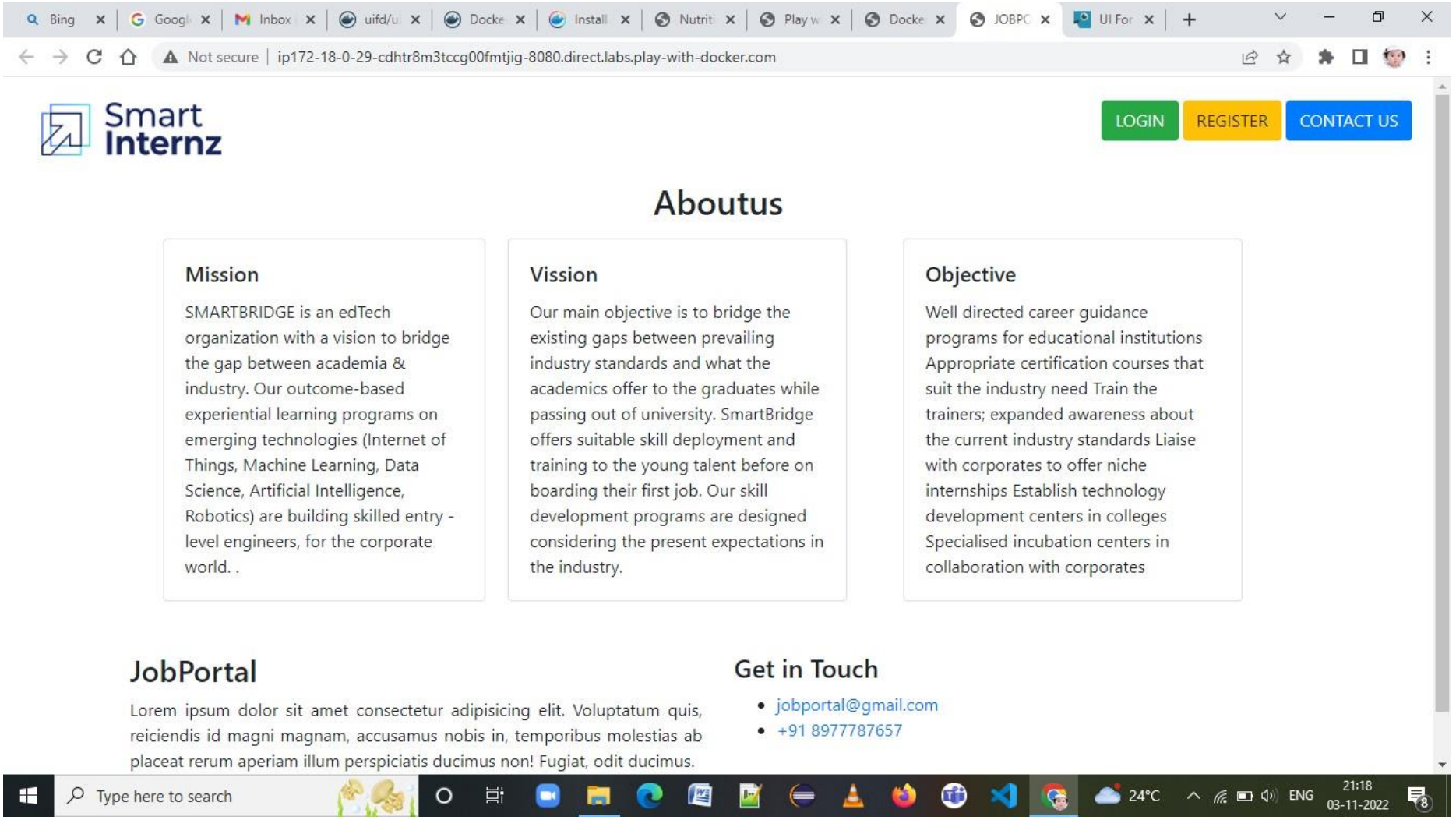

2. **Create a docker file for the jobportal application and deploy it in Docker desktop application.**

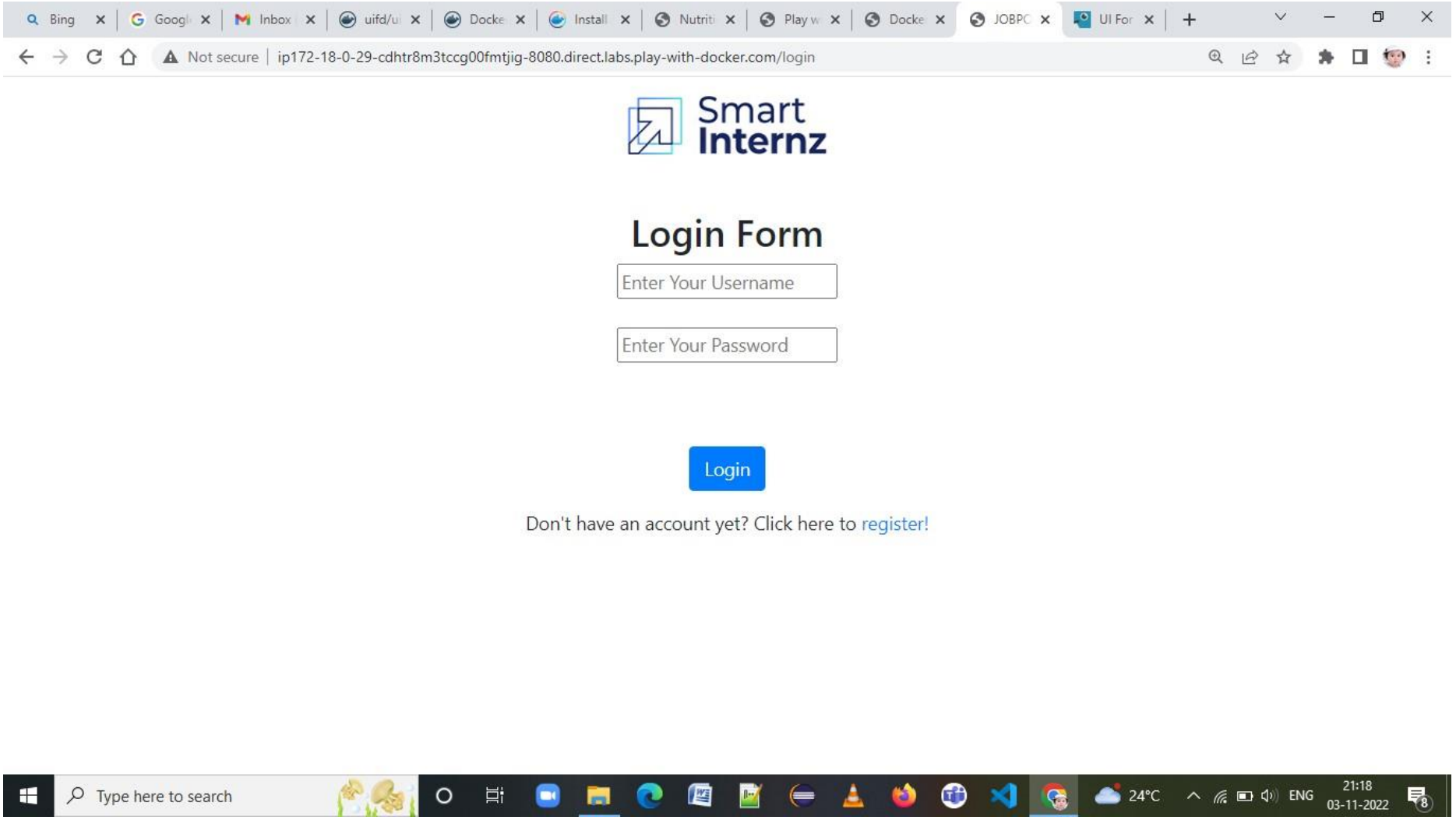

Bing
Google Account
Inbox (87) - agilaganesan08
Docker Playground
Explore Docker's Container
hub.docker.com/search?q=sandeepdoodigani%2Fjobportalapp
Security Advisory: Critical OpenSSL Vulnerability - learn how to tell if your repository is vulnerable.
docker hub
sandeepdoodigani/jobportalapp
Explore
Pricing
Sign In
Register
Filters
Products
Images
Extensions
Plugins
Trusted Content
Docker Official Image
Verified Publisher
Sponsored OSS
Operating Systems
Linux
Windows
Architectures
ARM
ARM 64
1 - 1 of 1 result for sandeepdoodigani/jobportalapp.
Best Match
sandeepdoodigani/jobportalapp
By sandeepdoodigani • Updated 3 months ago
Linux
x86-64
1.2K
Downloads
0
Stars
https://hub.docker.com/u/sandeepdoodigani
Type here to search
25°C
ENG
15:07
03-11-2022

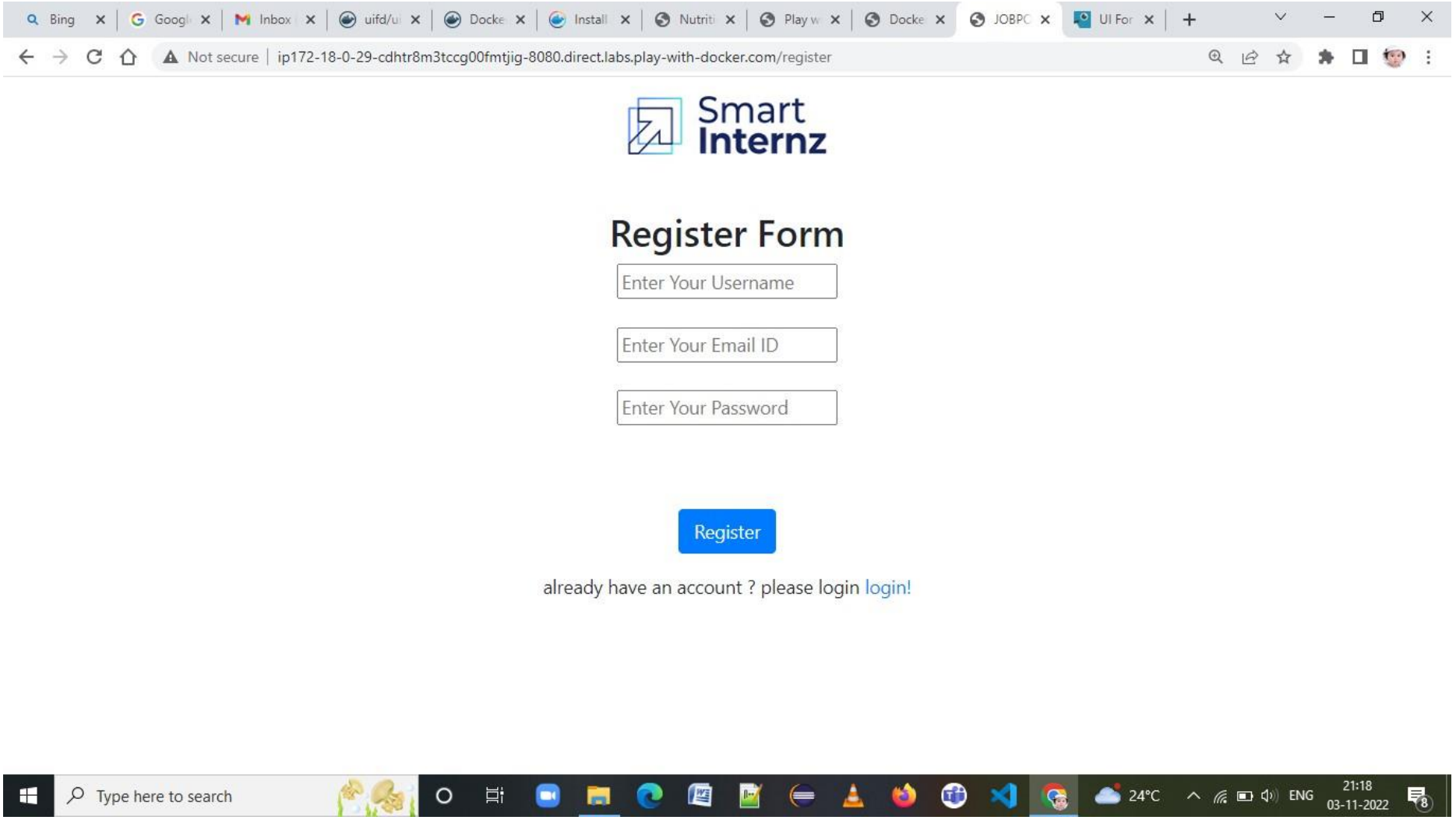

Bing
Google Account
Inbox (87) - agilaganesan08
Docker Playground
sandeepdoodigani/jobporta
labs.play-with-docker.com/p/cdhojpu0qau0008f9650#cdhojpu0_cdhokt63tccg00fmt3n0
03:46:53
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
192.168.0.13
node1
cdhojpu0_cdhokt63tccg00fmt3n0
IP
192.168.0.13
OPEN PORT
Memory
31.99% (1.25GiB / 3.906GiB)
CPU
121.91%
SSH
ssh ip172-18-0-15-cdhojpu0qau0008f9650@direct.labs.play
DELETE
EDITOR
[node1] (local) root@192.168.0.13 ~
$ docker pull sandeepdoodigani/jobportalapp
Using default tag: latest
latest: Pulling from sandeepdoodigani/jobportalapp
0e29546d541c: Pull complete
9b829c73b52b: Pull complete
cb5b7ae36172: Pull complete
6494e4811622: Pull complete
6f9f74896dfa: Pull complete
5e3b1213efc5: Pull complete
9fddfdc56334: Pull complete
404f02044bac: Pull complete
c4f42be2be53: Pull complete
296c00cdb64e: Pull complete
86df5f9cfbe4: Pull complete
b0a57da07333: Pull complete
96d74d4156fd: Pull complete
778a951e5719: Pull complete
Digest: sha256:e8590bc86f5d2ef2f85536f570fe49a5fec2893ebfd146f5aa63dcde9f9bdd24
Status: Downloaded newer image for sandeepdoodigani/jobportalapp:latest
docker.io/sandeepdoodigani/jobportalapp:latest
[node1] (local) root@192.168.0.13 ~
$
Type here to search
25°C
ENG
15:12
03-11-2022


Bing
Google Account
Inbox (87) - agilaganesan08
Docker Playground
uifd/ui-for-docker - Docker
labs.play-with-docker.com/p/cdhojpu0qau0008f9650#cdhojpu0_cdhokt63tccg00fmt3n0
03:40:13
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
192.168.0.13
node1
cdhojpu0_cdhokt63tccg00fmt3n0
IP
192.168.0.13
OPEN PORT
Memory
30.37% (1.186GiB / 3.906GiB)
CPU
0.38%
SSH
ssh ip172-18-0-15-cdhojpu0qau0008f9650@direct.labs.play
DELETE
EDITOR
86df5f9cfbe4: Pull complete
b0a57da07333: Pull complete
96d74d4156fd: Pull complete
778a951e5719: Pull complete
Digest: sha256:e8590bc86f5d2ef2f85536f570fe49a5fec2893ebfd146f5aa63dcde9f9bdd24
Status: Downloaded newer image for sandeepdoodigani/jobportalapp:latest
docker.io/sandeepdoodigani/jobportalapp:latest
[node1] (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for docker
"docker pull" requires exactly 1 argument.
See 'docker pull --help'.
Usage: docker pull [OPTIONS] NAME[:TAG|@DIGEST]
Pull an image or a repository from a registry
[node1] (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.13 ~
$
Type here to search
25°C
ENG
15:18
03-11-2022

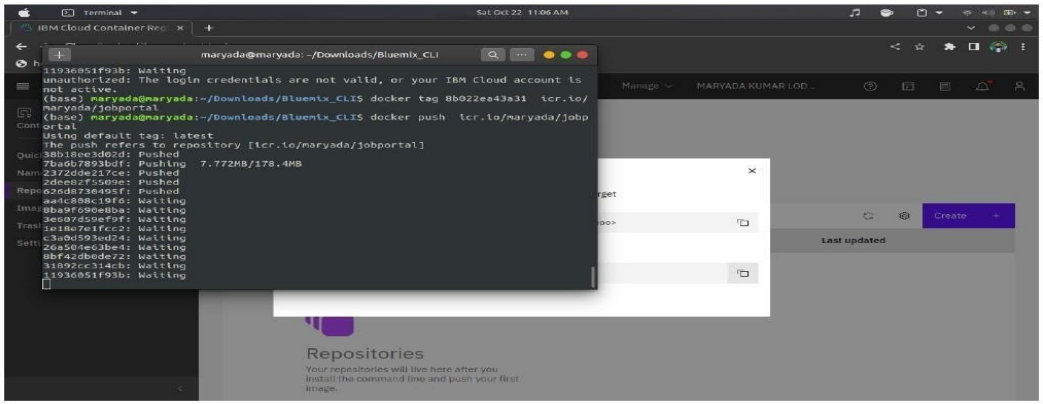

labs.play-with-docker.com/p/cdhtr8m3tccg00fmtjig#cdhtr8m3_cdhtrsv91rrg00a0uhdg
03:36:07
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
192.168.0.28
node1
cdhtr8m3_cdhtrsv91rrg00a0uhdg
IP
192.168.0.28
OPEN PORT
8080
9000
Memory
32.18% (1.257GiB / 3.906GiB)
CPU
0.25%
SSH
ssh ip172-18-0-29-cdhtr8m3tccg00fmtjig@direct.labs.play-
DELETE
EDITOR
[node1] (local) root@192.168.0.28 ~
$ docker run -p 8080:8080 sandeepdoodigani/jobportalapp
* Serving Flask app 'app' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.3:8080/ (Press CTRL+C to quit)
172.18.0.1 - - [03/Nov/2022 15:48:02] "GET / HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:03] "GET /css/style.css HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:48:03] "GET /static/img/smartinternz.png HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:09] "GET /assets/img/favicon-32x32.png HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:48:25] "GET /login HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:28] "GET /css/style.css HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:48:28] "GET /static/img/smartinternz.png HTTP/1.1" 304 -
172.18.0.1 - - [03/Nov/2022 15:48:48] "GET /register HTTP/1.1" 200 -
172.18.0.1 - - [03/Nov/2022 15:48:49] "GET /static/img/smartinternz.png HTTP/1.1" 304 -
172.18.0.1 - - [03/Nov/2022 15:48:49] "GET /css/style.css HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:49:35] "GET /contact.html HTTP/1.1" 404 -
172.18.0.1 - - [03/Nov/2022 15:49:36] "GET /favicon.ico HTTP/1.1" 404 -
Type here to search
24°C
ENG
21:20
03-11-2022

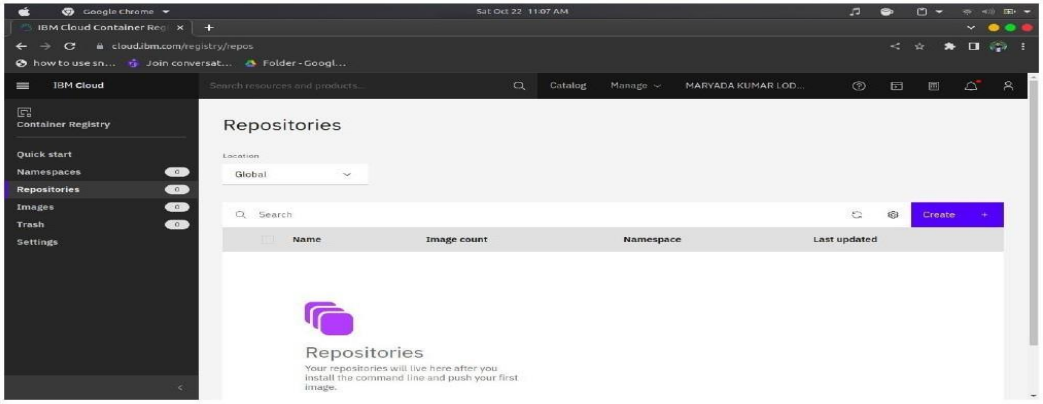

Not secure | ip172-18-0-29-cdhtr8m3tccg00fmtjig-8080.direct.labs.play-with-docker.com
Smart Internz
LOGIN
REGISTER
CONTACT US
Aboutus
Mission
SMARTBRIDGE is an edTech organization with a vision to bridge the gap between academia & industry. Our outcome-based experiential learning programs on emerging technologies (Internet of Things, Machine Learning, Data Science, Artificial Intelligence, Robotics) are building skilled entry - level engineers, for the corporate world. .
Vission
Our main objective is to bridge the existing gaps between prevailing industry standards and what the academics offer to the graduates while passing out of university. SmartBridge offers suitable skill deployment and training to the young talent before on boarding their first job. Our skill development programs are designed considering the present expectations in the industry.
Objective
Well directed career guidance programs for educational institutions Appropriate certification courses that suit the industry need Train the trainers; expanded awareness about the current industry standards Liaise with corporates to offer niche internships Establish technology development centers in colleges Specialised incubation centers in collaboration with corporates
JobPortal
Lorem ipsum dolor sit amet consectetur adipisicing elit. Voluptatum quis, reiciendis id magni magnam, accusamus nobis in, temporibus molestias ab placeat rerum aperiam illum perspiciatis ducimus non! Fugiat, odit ducimus.
Get in Touch
jobportal@gmail.com
+91 8977787657
Type here to search
24°C
ENG
21:18
03-11-2022

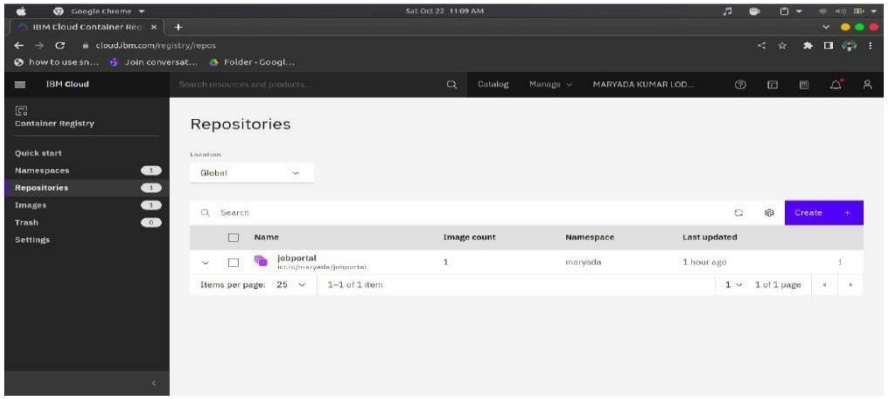

Not secure | ip172-18-0-29-cdhtr8m3tccg00fmtjig-8080.direct.labs.play-with-docker.com/login
Smart Internz
Login Form
Enter Your Username
Enter Your Password
Login
Don't have an account yet? Click here to register!
Type here to search
24°C
ENG
21:18
03-11-2022


Not secure | ip172-18-0-29-cdhtr8m3tccg00fmtjig-8080.direct.labs.play-with-docker.com/register
Smart Internz
Register Form
Enter Your Username
Enter Your Email ID
Enter Your Password
Register
already have an account ? please login login!
Type here to search
24°C
ENG
21:18
03-11-2022

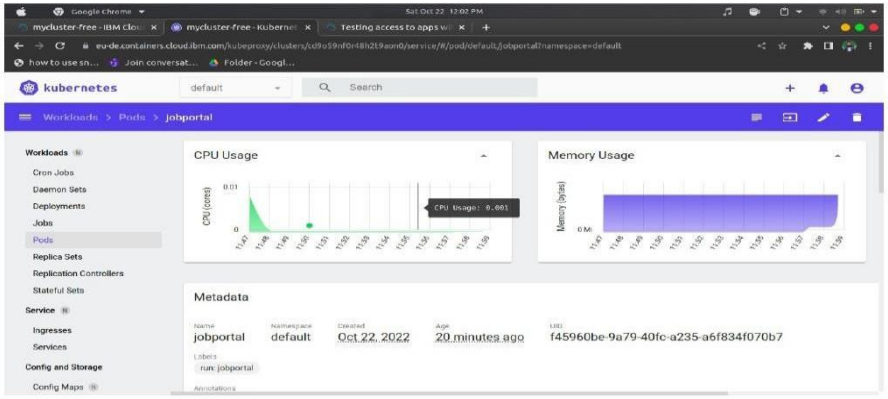
3. Create a IBM container registry and deploy helloworld app or jobportalapp.

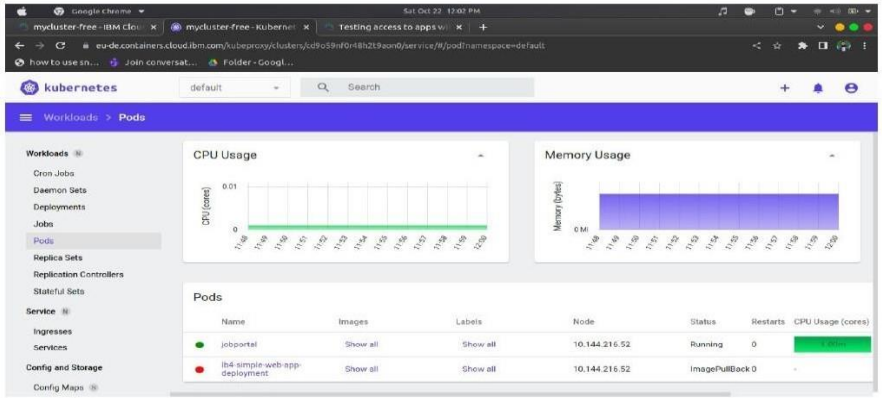





4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.




Google Chrome
Sat Oct 22 12:02 PM
mycluster-free - IBM Clou
mycluster-free - Kubernet
Testing access to apps wi
eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cd9o59mf0r48h2t9aon0/service/#/pod?namespace=default
how to use sn...
Join conversat...
Folder - Googl...
kubernetes
default
Search
Workloads > Pods
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Services
Config and Storage
Config Maps
CPU Usage
CPU (cores)
0.01
0
Memory Usage
Memory (bytes)
0 Mi
Pods
Name
Images
Labels
Node
Status
Restarts
CPU Usage (cores)
jobportal
Show all
Show all
10.144.216.52
Running
0
lb4-simple-web-app-deployment
Show all
Show all
10.144.216.52
ImagePullBack
0