

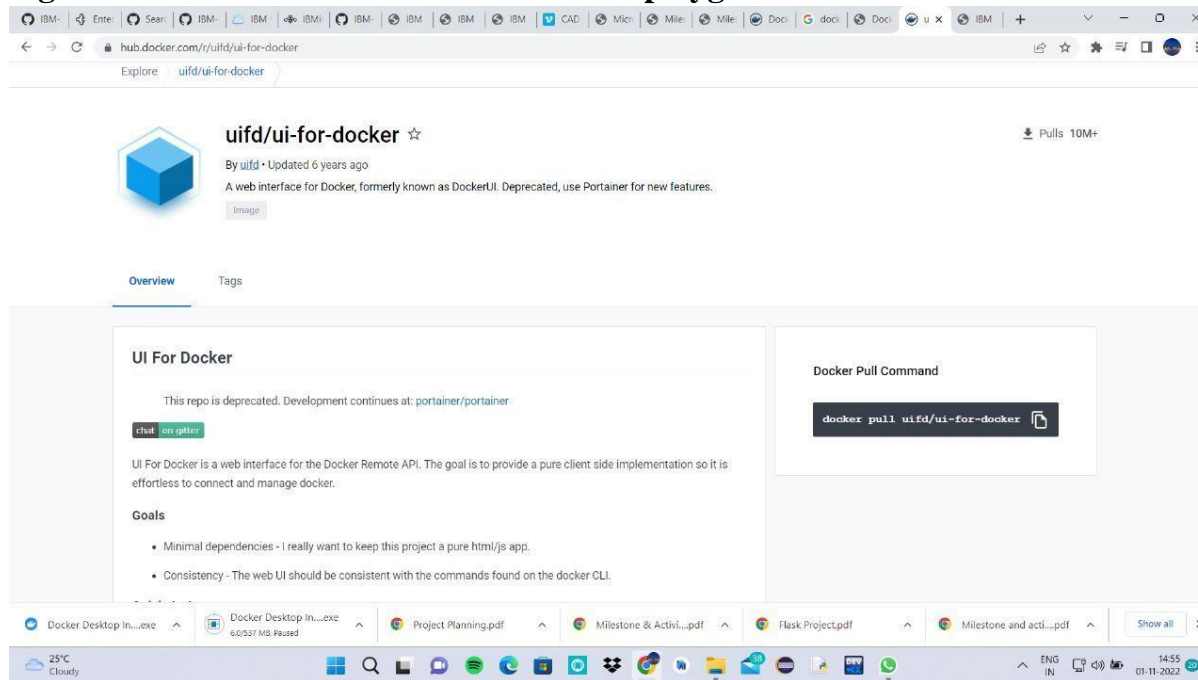
Assignment - IV

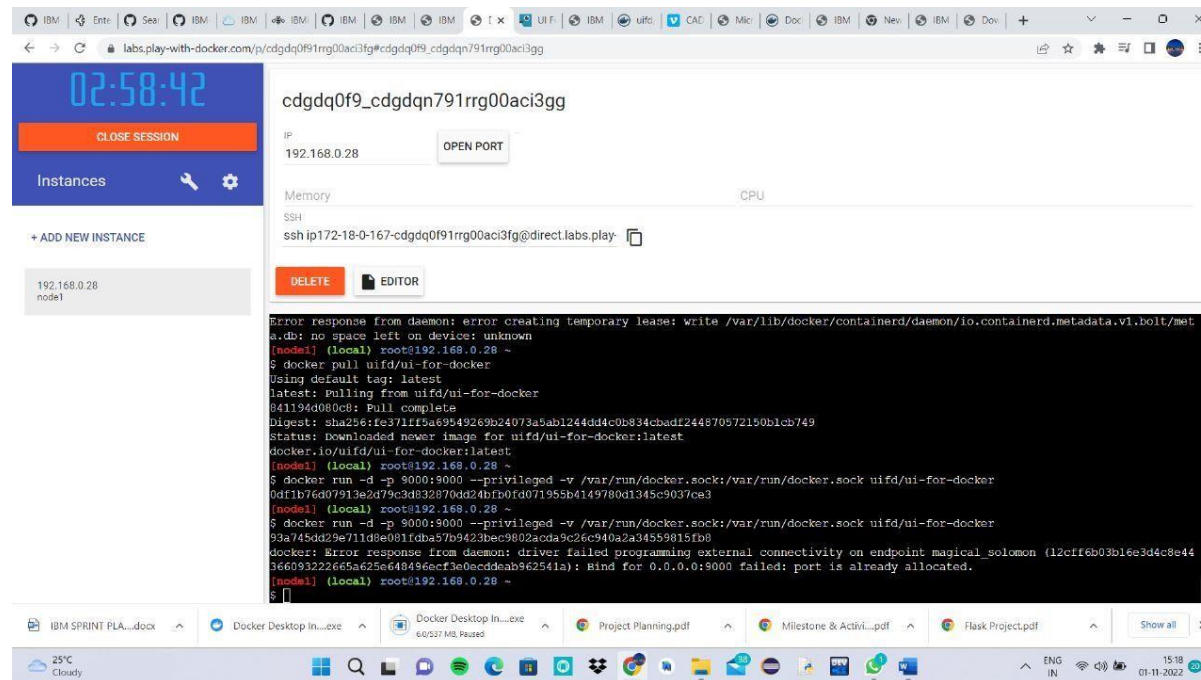
Docker & Kubernetes

Cloud Application Development

Assignment Date	30 th October 2022
Student Name	Gowtham S
Student Roll Number	61772021T303
Maximum Marks	2 Marks

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





1. 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 I

hub.docker.com/search?q=sandeepdoodigani%2Fjobportalapp

Security Advisory: Critical OpenSSL Vulnerability - [learn how to tell if your repository is vulnerable.](#)



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Architectures

☐ ARM

☐ ARM 64

1 - 1 of 1 result for sandeepdoodigani/jobportalapp.

Best Match



sandeepdoodigani/jobportalapp

By [sandeepdoodigani](#) • Updated 3 months ago

Linuxx86-64

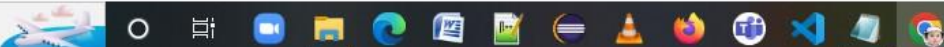
1.2K

0

DownloadsStars

https://hub.docker.com/u/sandeepdoodigani

Type here to search



25°C15:0703-11-2022

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:e8590bc86f5d2ef2f85536f570fe49a5fec2893ebfd146f5aa63d0de9f9bdd24
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

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 15:18 03-11-2022

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-with-docker.com

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

21:20
03-11-2022



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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 adipiscing 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](tel:+918977787657)



Login Form

Login

Don't have an account yet? Click here to [register!](#)

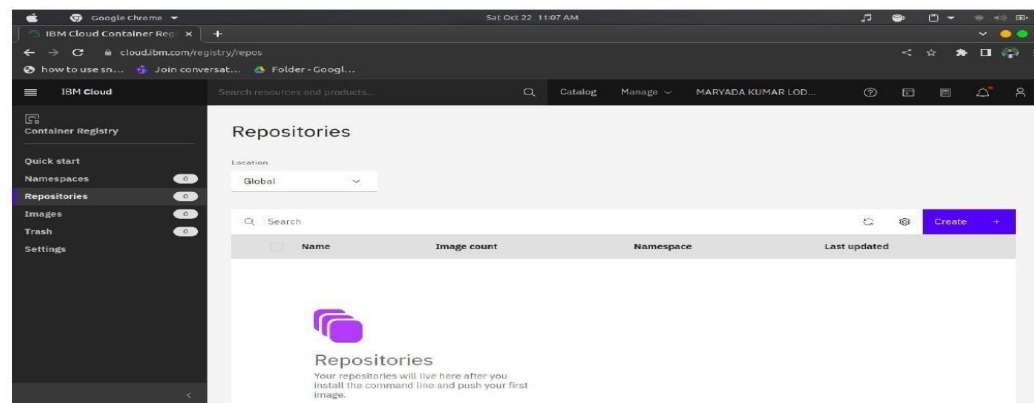
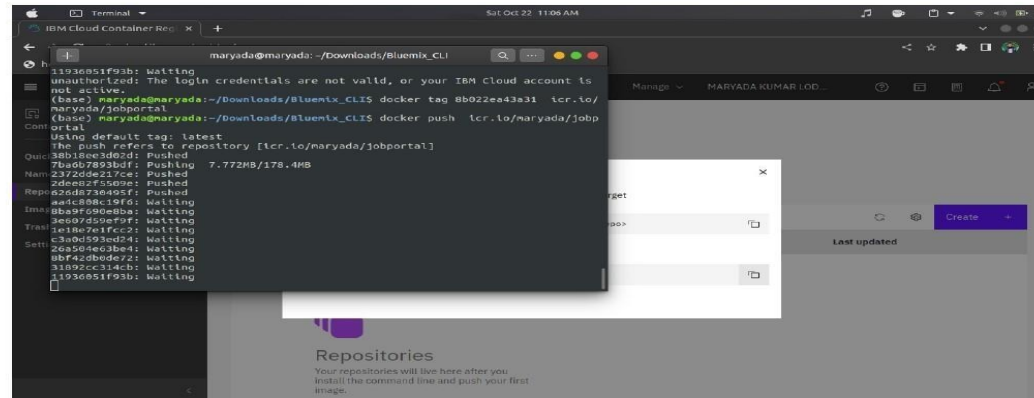


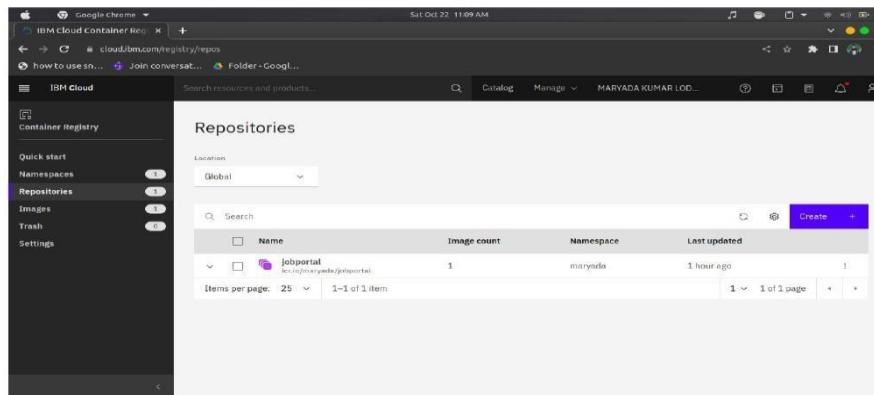
Register Form

Register

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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.

