**Assignment -4**

Inventory Management System for Retailers – Kubernetes / Docker
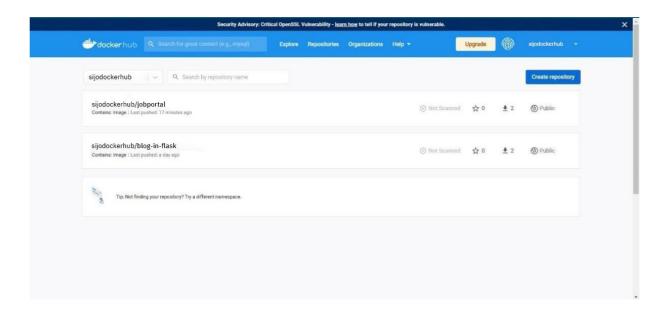
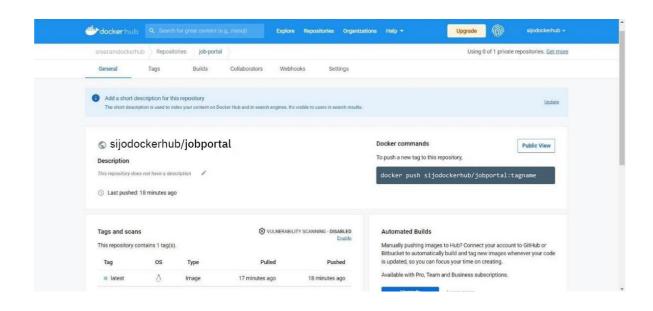| Assignment Date | 16 November 2022 |
|---|---|
| Student Name | SIJO N |
| Student Roll Number | 721419104045 |
| Maximum Marks | 2 Marks |

**Question-1:**
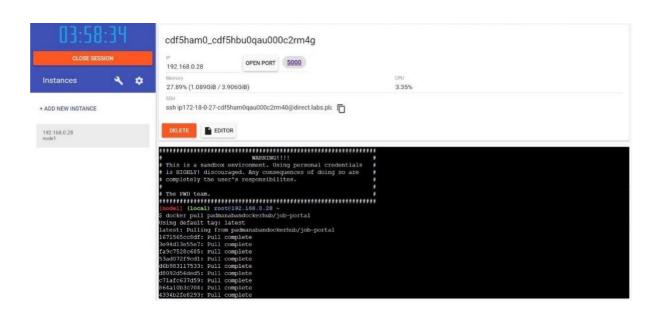
1. Pull an Image from docker hub and run it in docker playground.

2. Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.

3. Create a IBM container registry and push docker image of flask application or job portal app.

4. Create a Kubernetes cluster in IBM cloud and deploy flask application image or job portal image and also expose the same app to run in Nodeport.
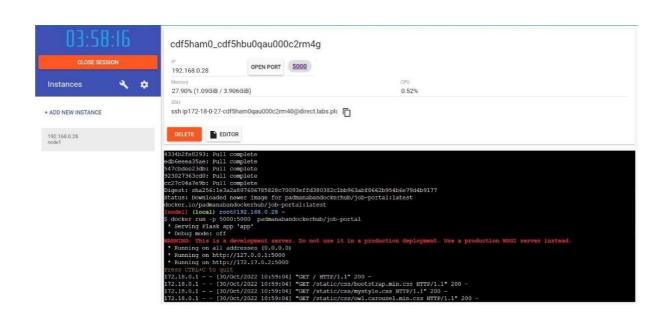
**Solution: **All the required files are uploaded in the ASSIGNMENTS/Sijo/ASSIGNMENT 4 folder in the Git repo. Please verify it sir/mam.**

**Step 1**: Pull an Image from docker hub and run it in docker playground.

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☐ 3-6 Years
☐ 6-more..

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7 hours ago

### Marketing Executive
Wipro        ⦿ Hyderabad, India        $3500 - $4000

( Full Time )

7 hours ago

### Full Stack Developer
Infosys        ⦿ Pune, India        $3500 - $4000

( Full Time )

7 hours ago

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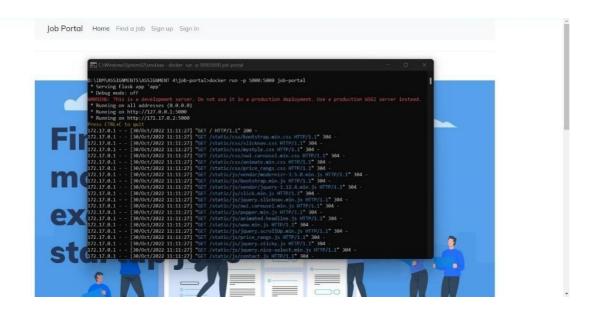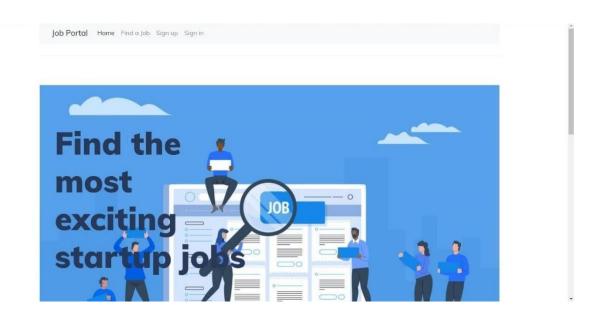Don't have an Account?

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**Step 2**: Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.
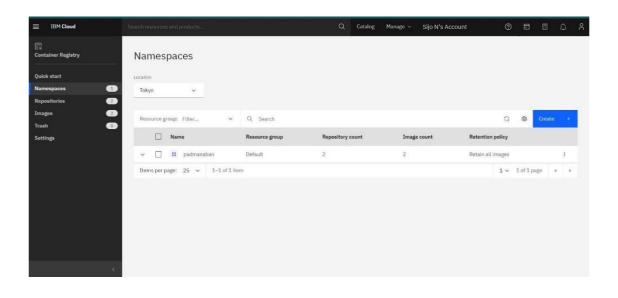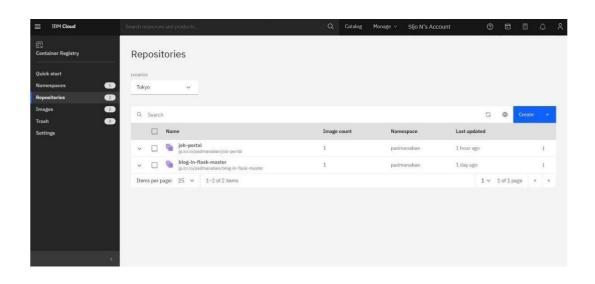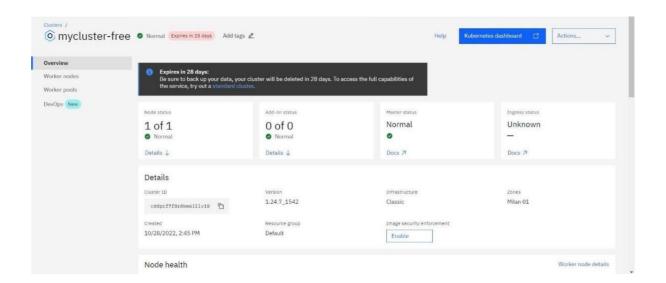
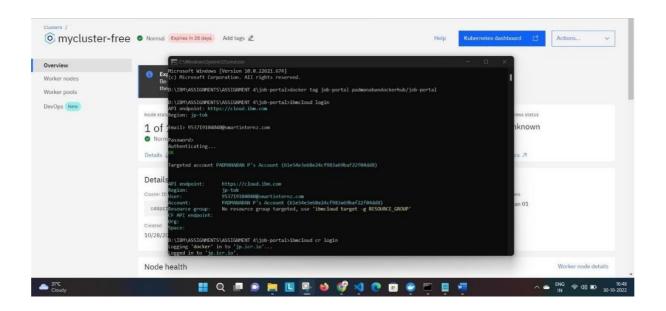**Step 3**: Create a IBM container registry and push docker image of flask application or job portal app.

**Step 4**: Create a Kubernetes cluster in IBM cloud and deploy flask application image or job portal image and also expose the same app to run in Nodeport.

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- [x] 2-3 Years
- [ ] 3-6 Years
- [ ] 6-more..

### Digital Marketer

TCS    ◉ Chennai, India    $3500 - $4000

Full Time

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### Marketing Executive

Wipro    ◉ Hyderabad, India    $3500 - $4000

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### Full Stack Developer

Infosys    ◉ Pune, India    $3500 - $4000

Full Time

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View the deployed Job-portal flask application by clicking the below link:

http://159.122.175.228:30496/