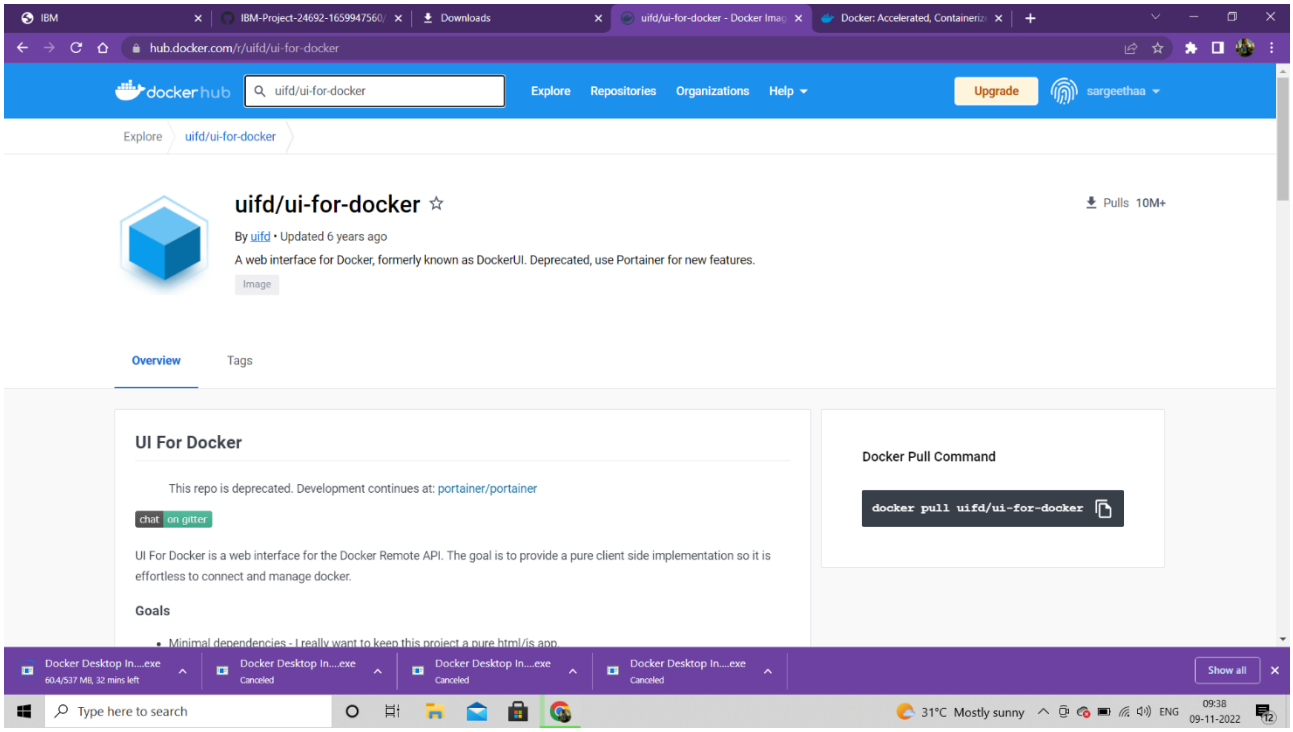
ASSIGNMENT – 4

Date	05 November 2022
Team ID	PNT2022TMID54057
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

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

Image :



Pull image:

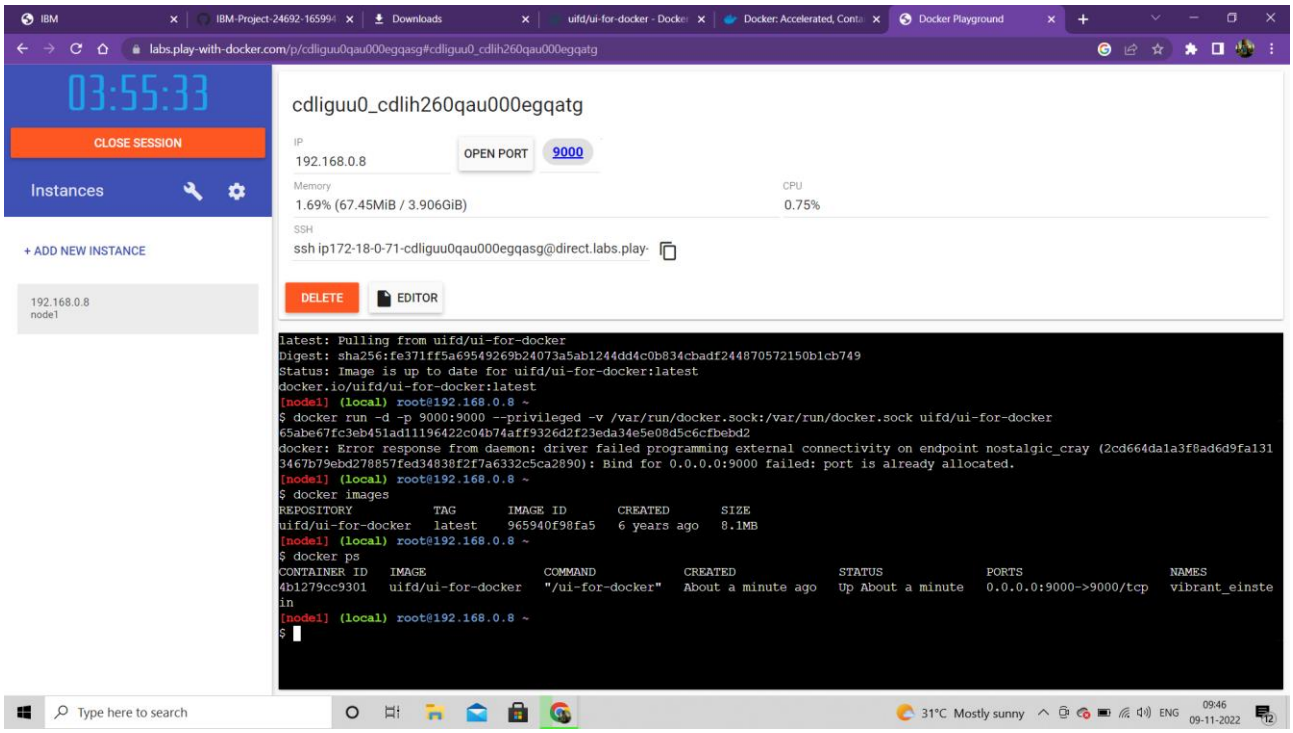
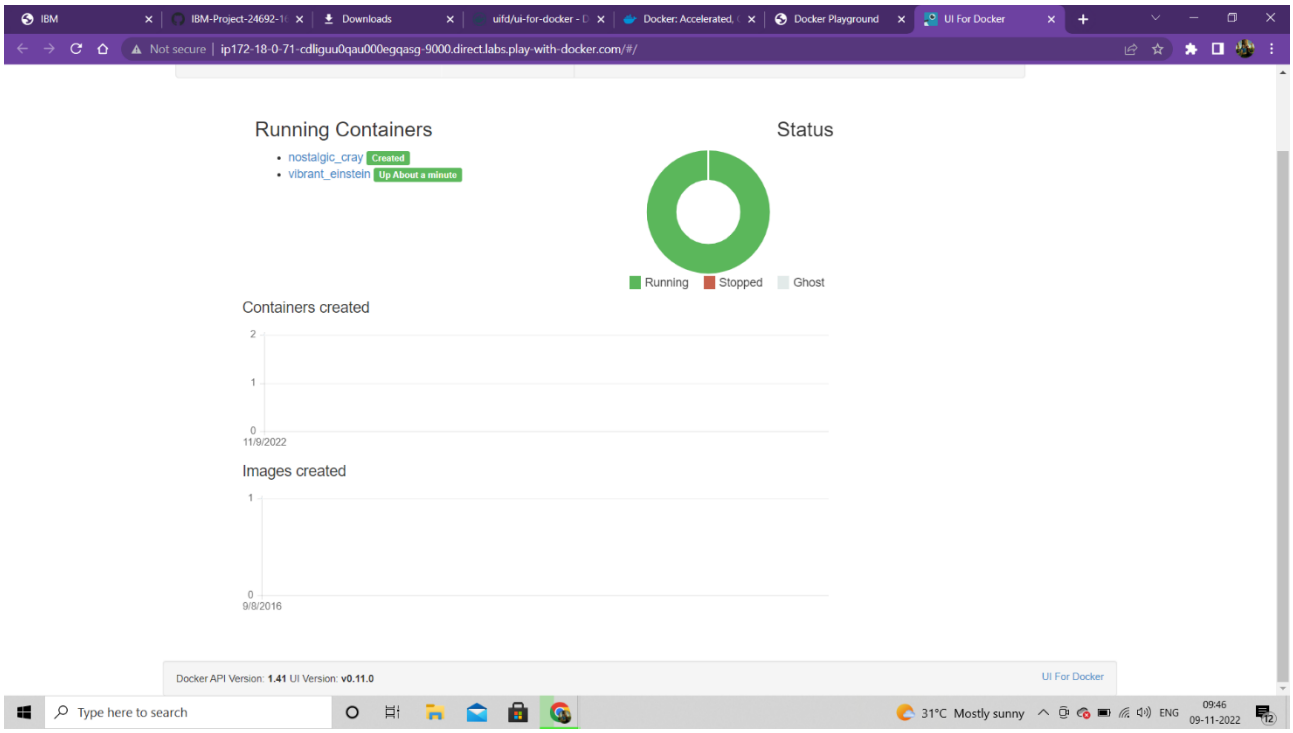


Image in port 9000:



Create a docker file for the job-portal application and deploy it in docker desktop application :

Docker file :

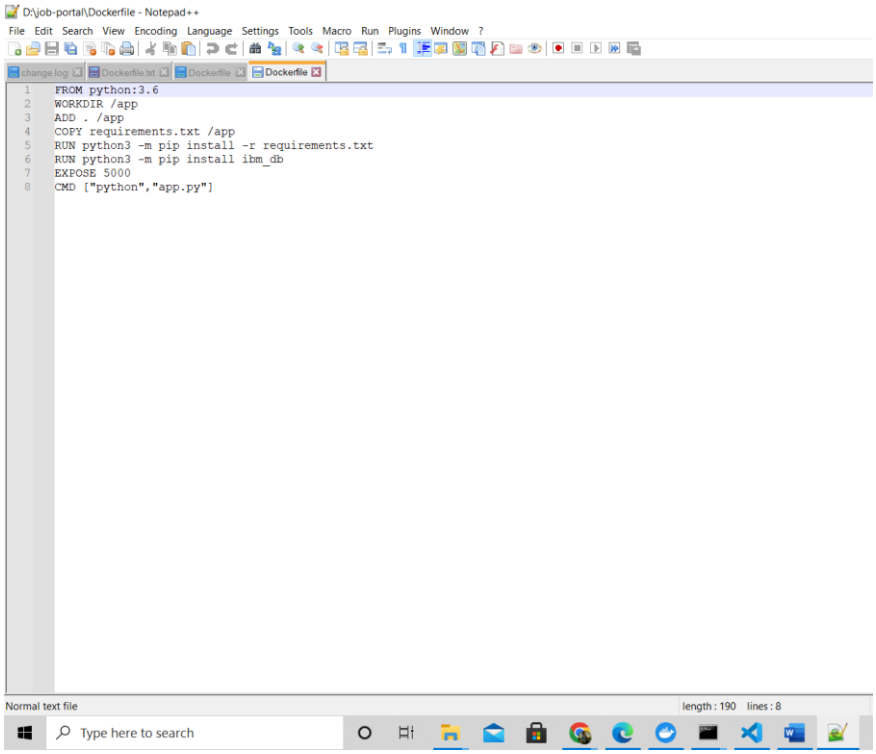
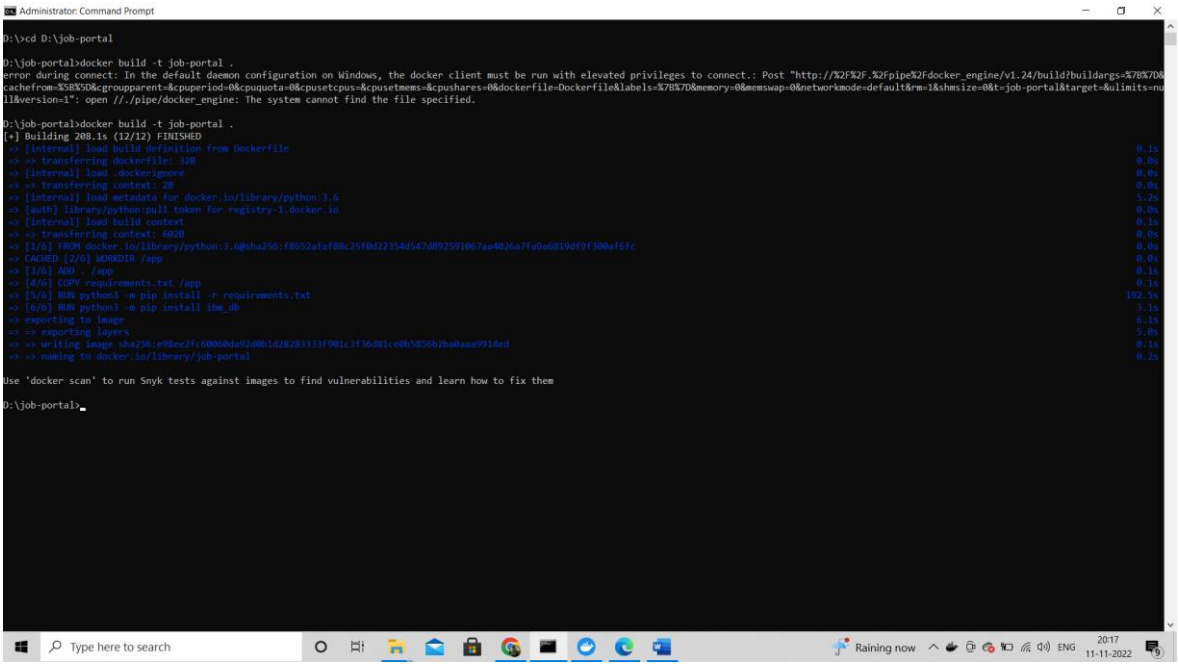
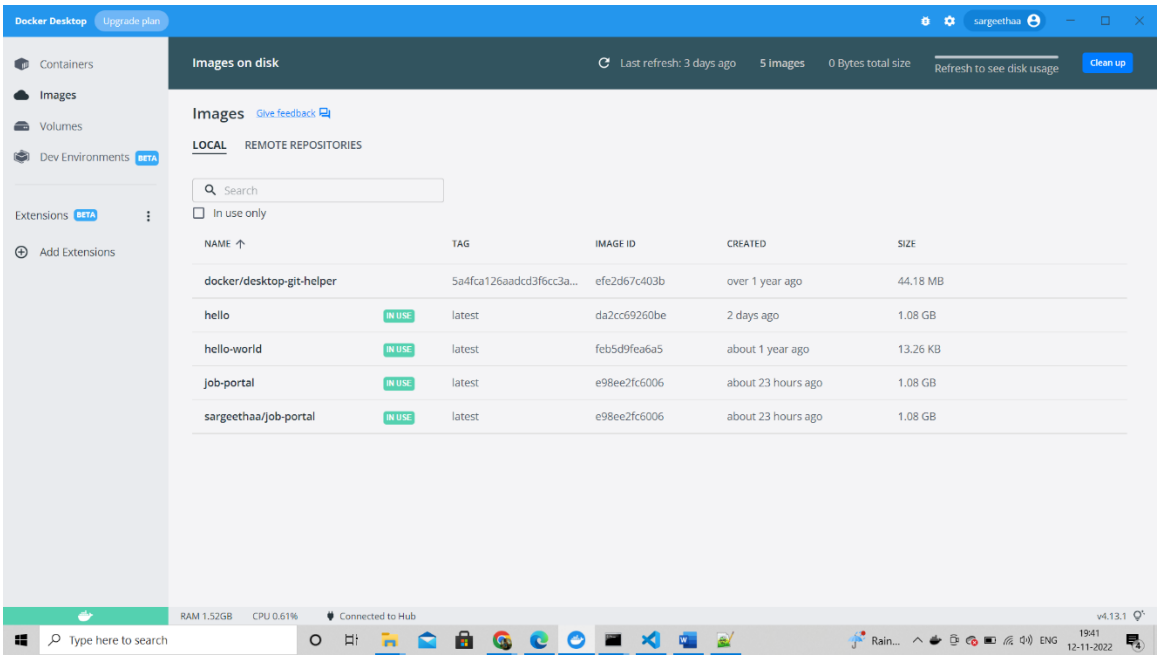


Image pulled in docker :



Docker desktop :



Our image in hub :

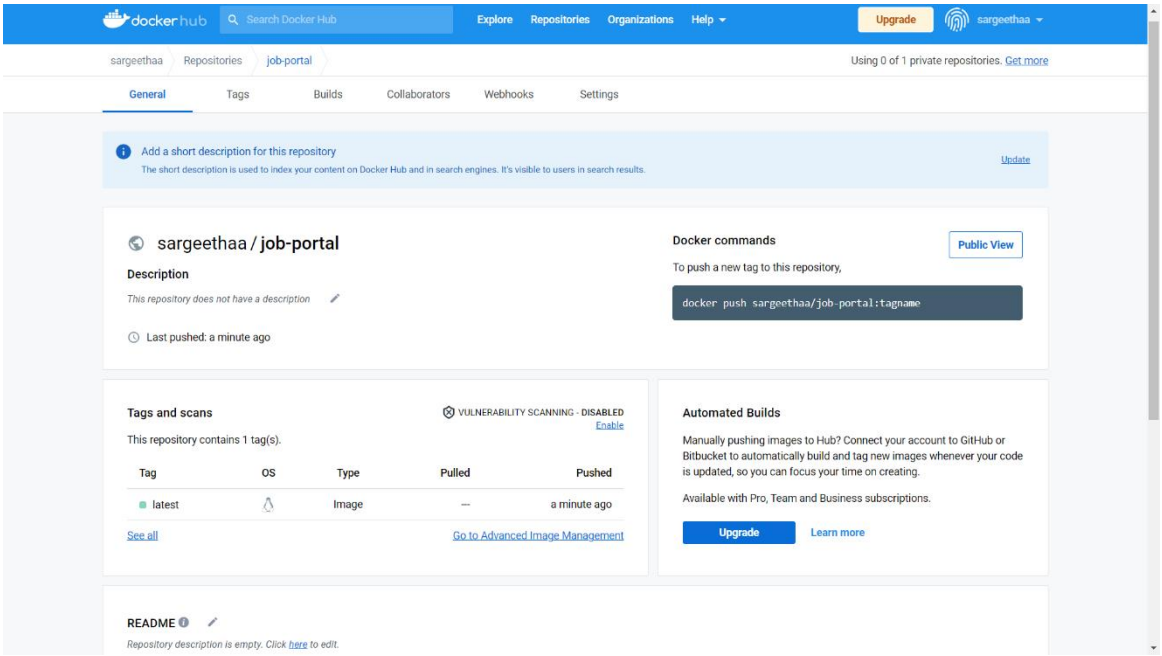
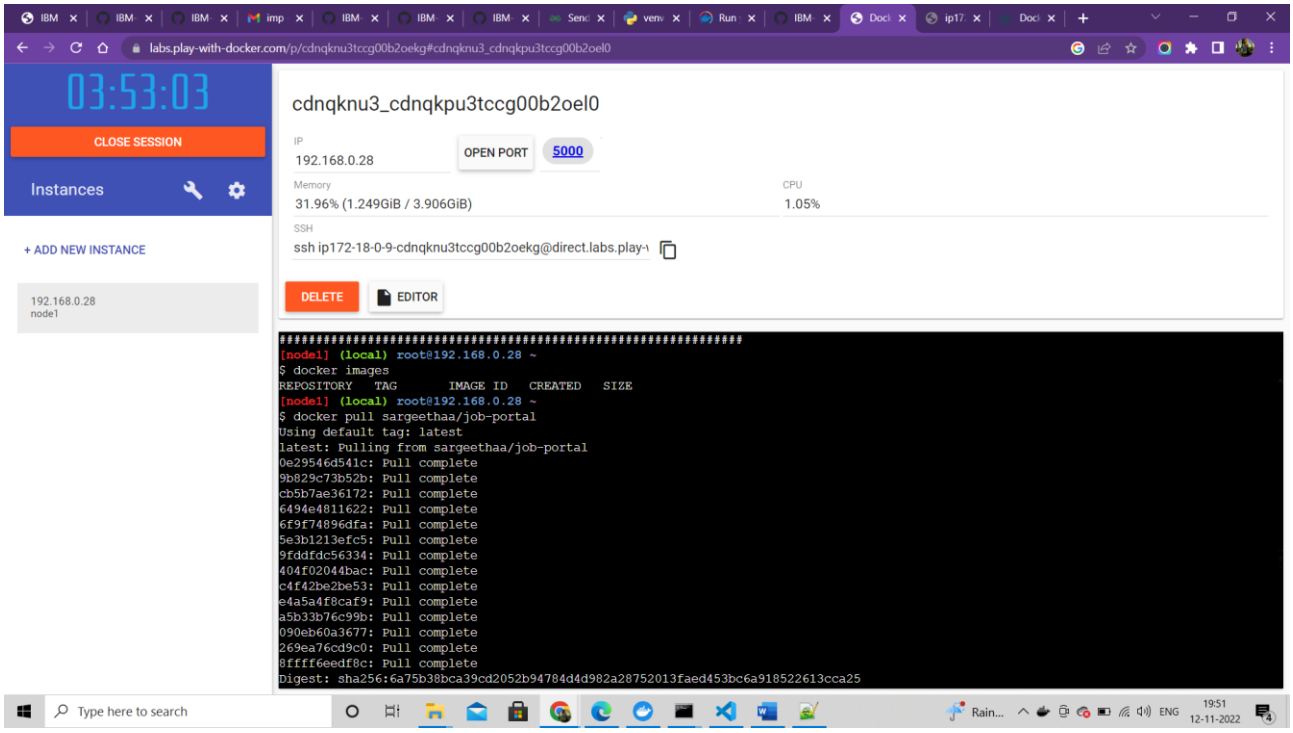
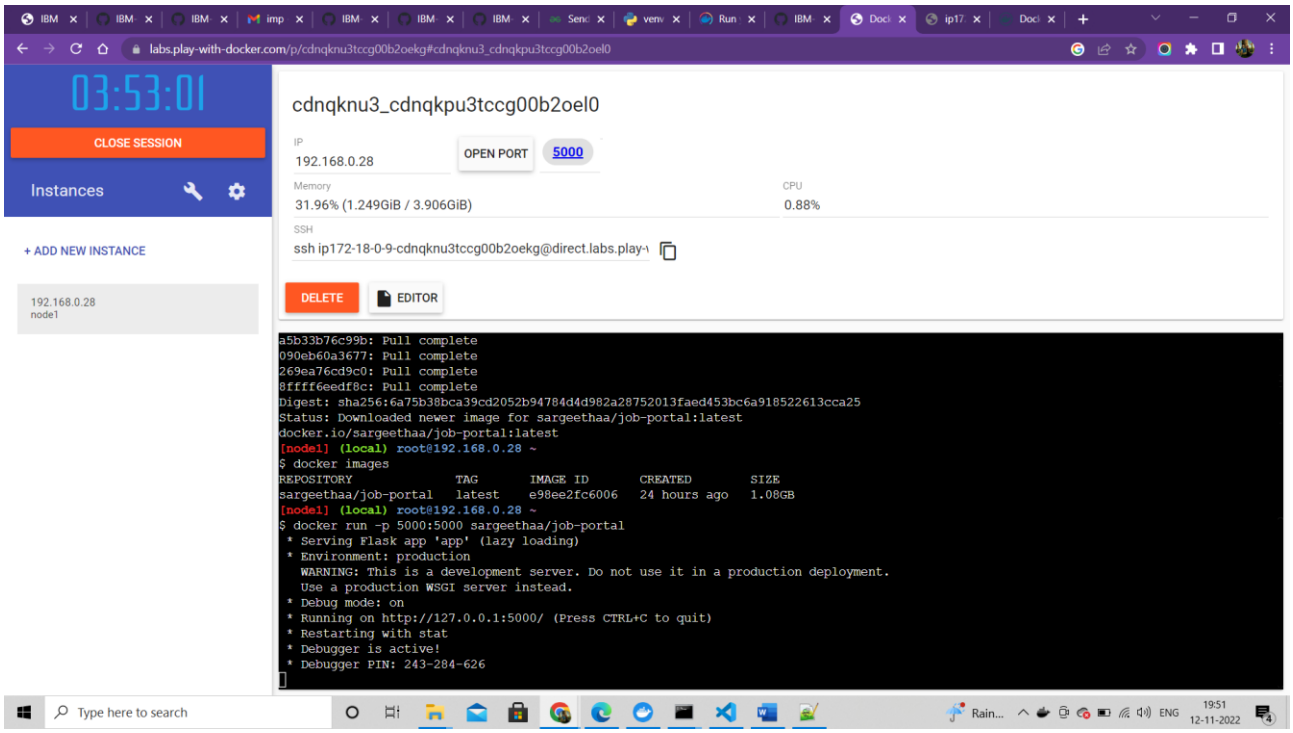
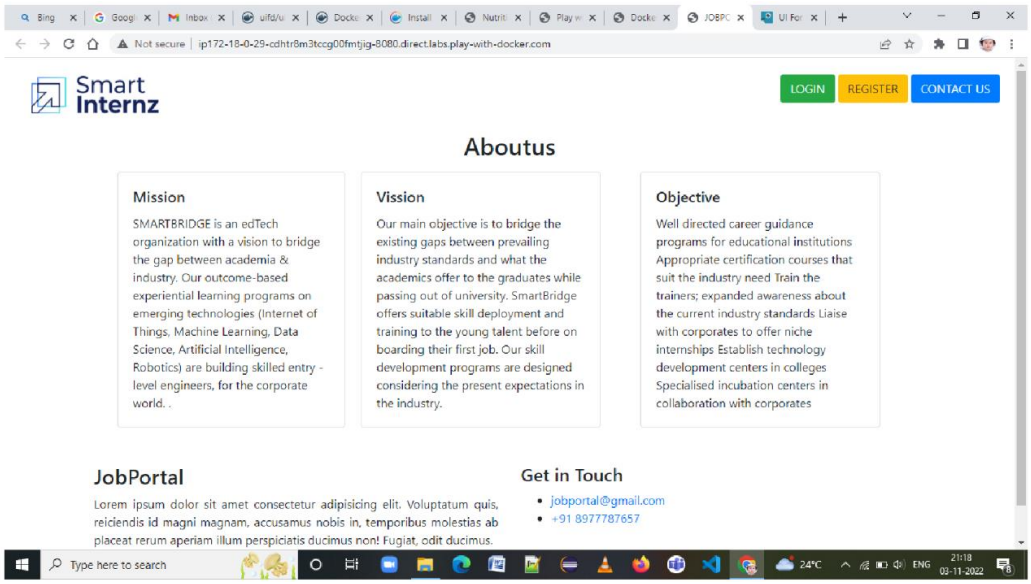


Image run in playground :



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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
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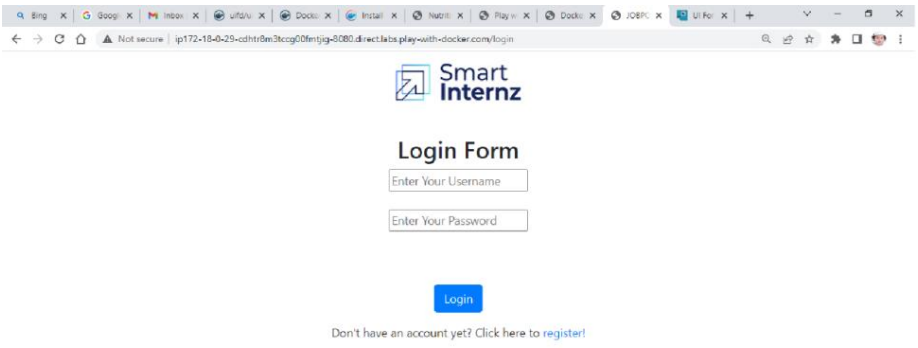
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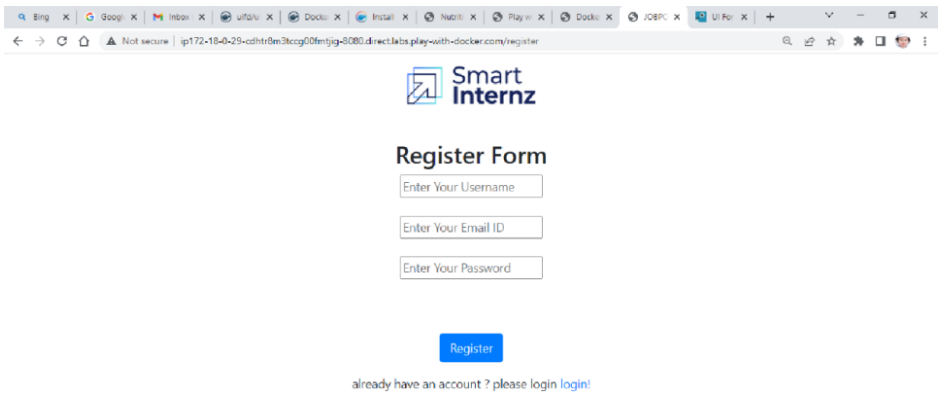
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Register Form
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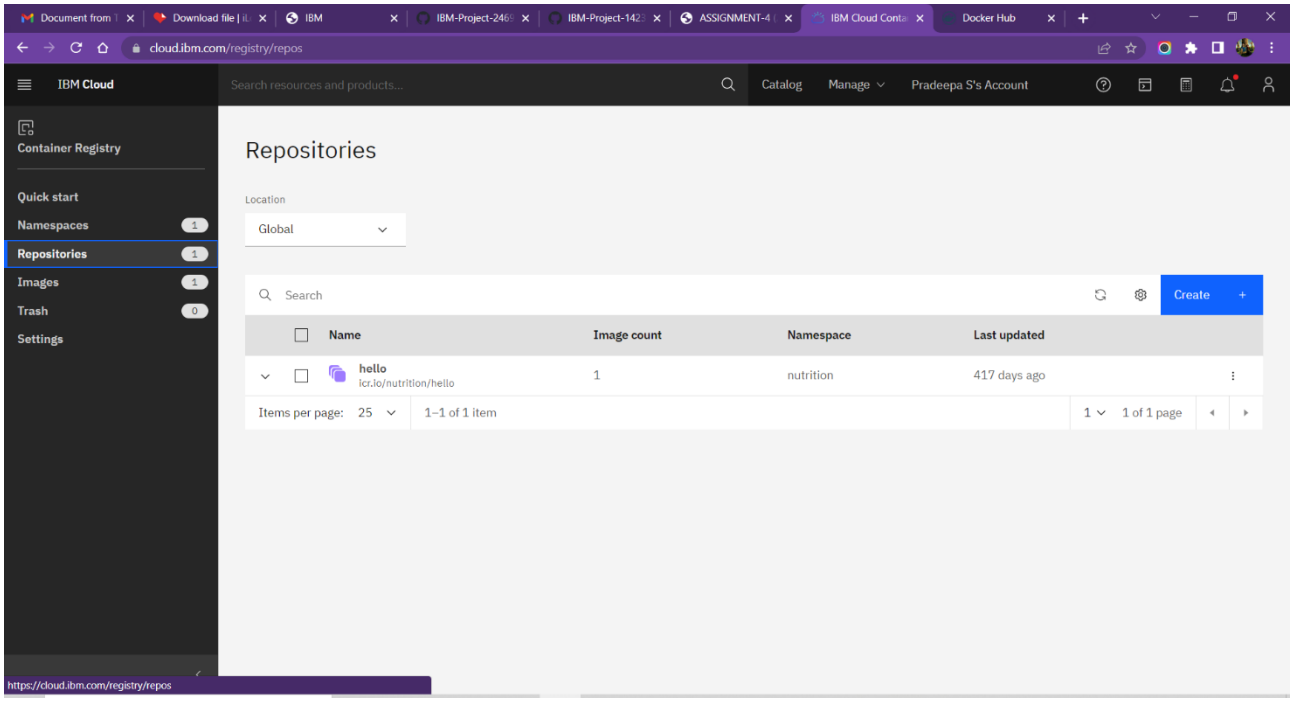
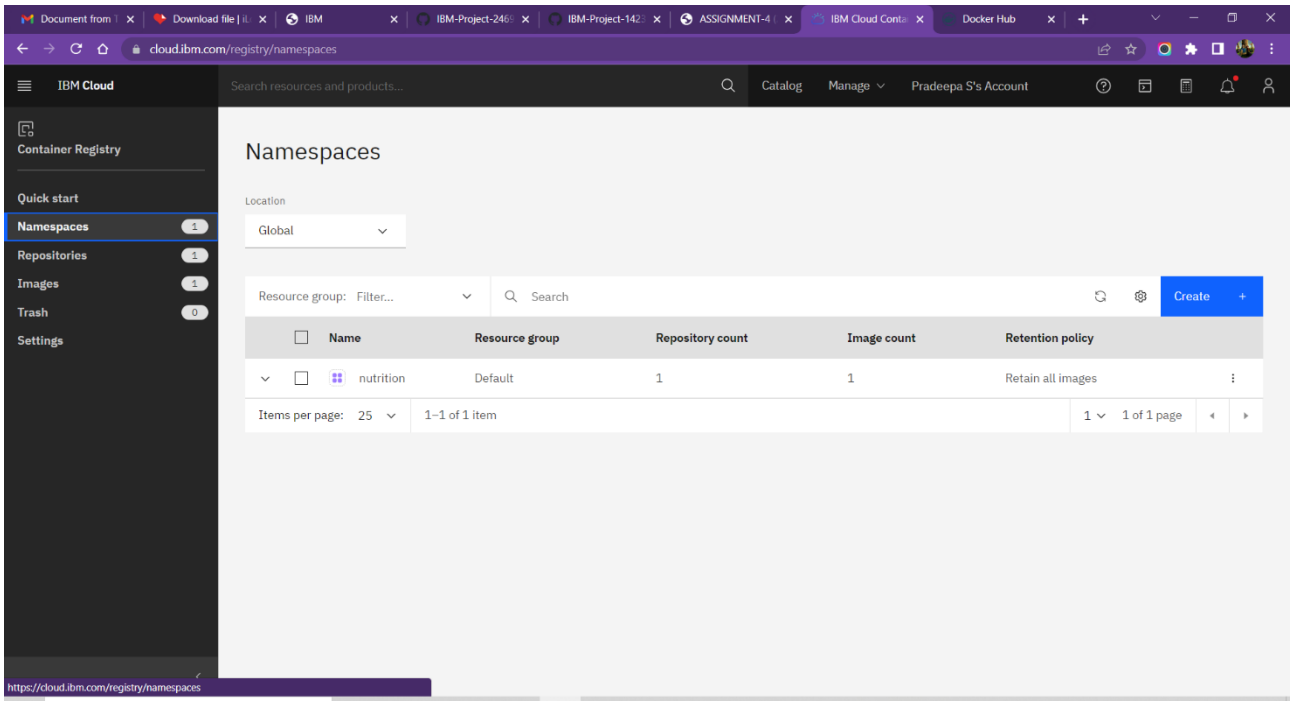
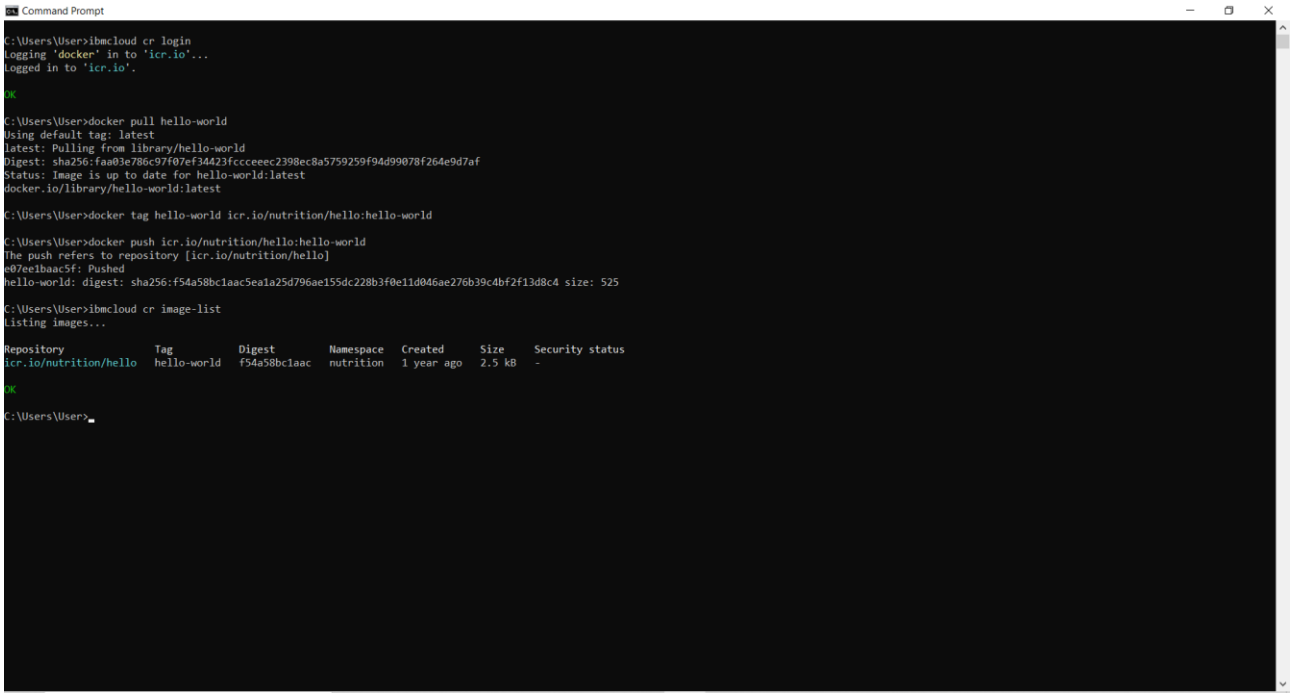
Enter Your Email ID
Enter Your Password
Register
already have an account ? please login login!

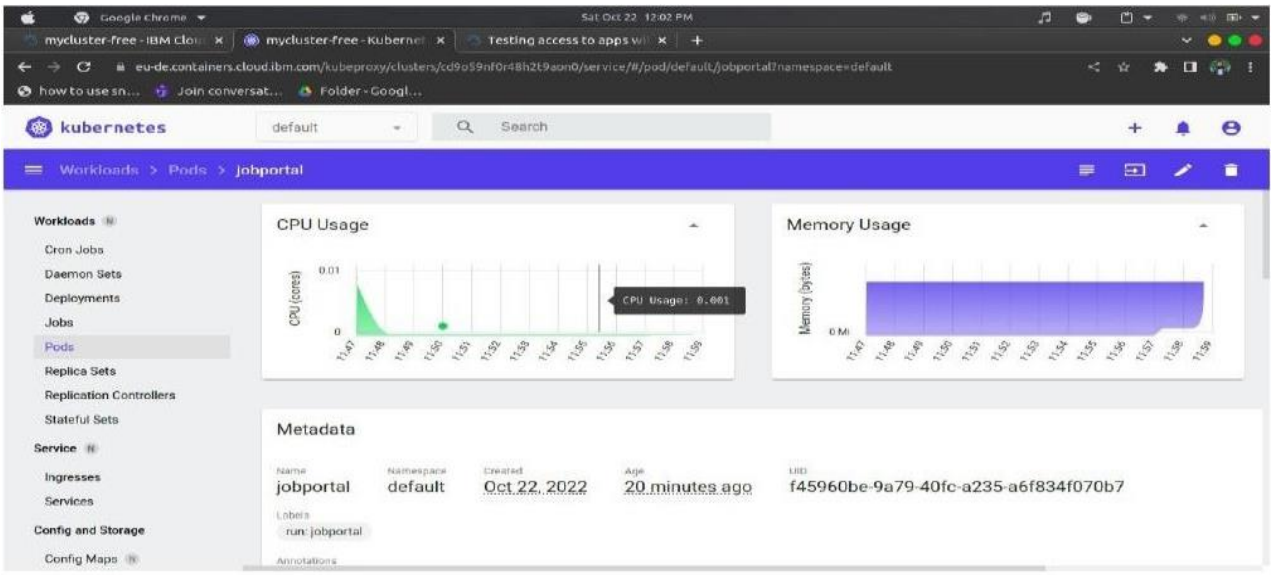
3.Create a IBM container registry and deploy hello world app

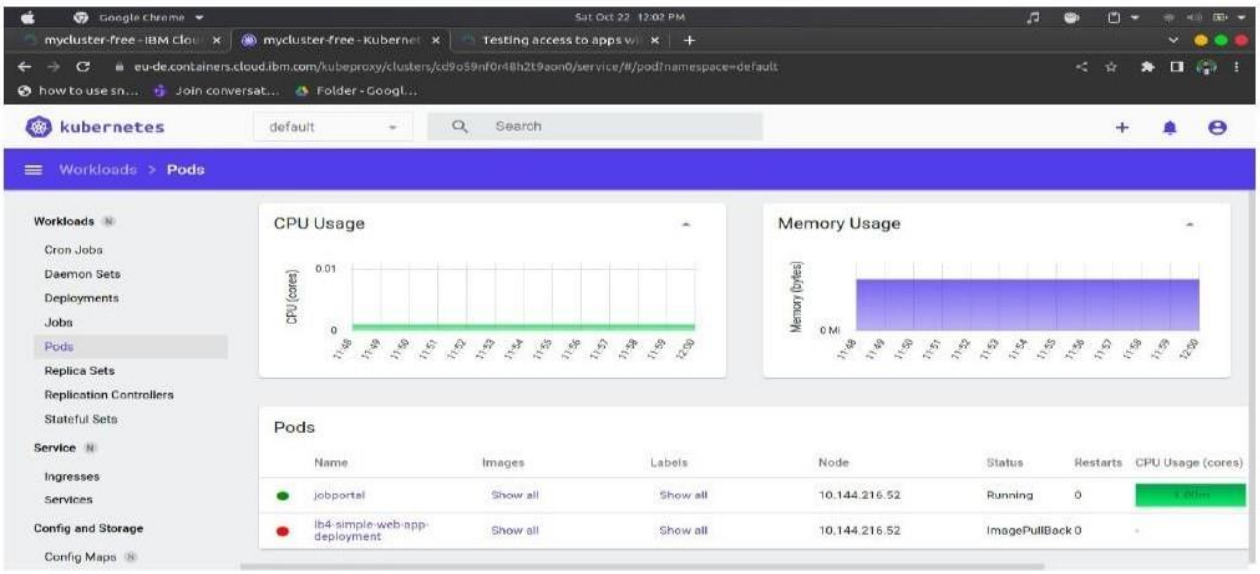






4.Create a Kubernetes cluster in IBM cloud and deploy job portal image and also expose the same app to run in nodeport.




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
Memory Usage
Pods
Name
Images
Labels
Node
Status
Restarts
CPU Usage (cores)
jobportal
Show all
Show all
10.144.216.52
Running
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lb4-simple-web-app-deployment
Show all
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10.144.216.52
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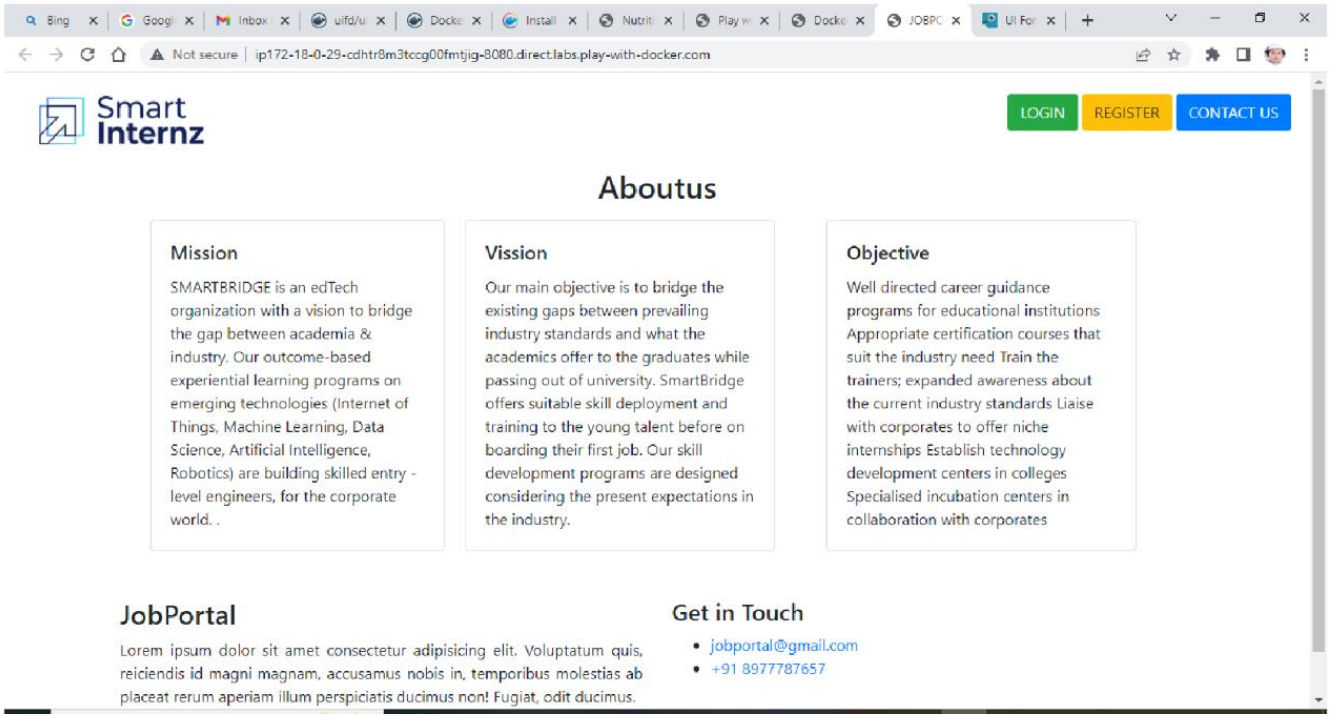
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