Sprint-4

Team Members:

VISHALI R

VISHAGAN C SU

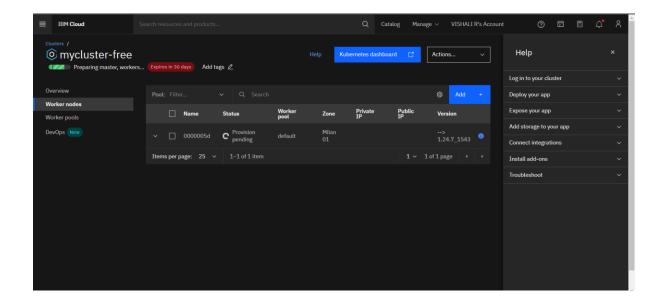
SOWMIYAA S

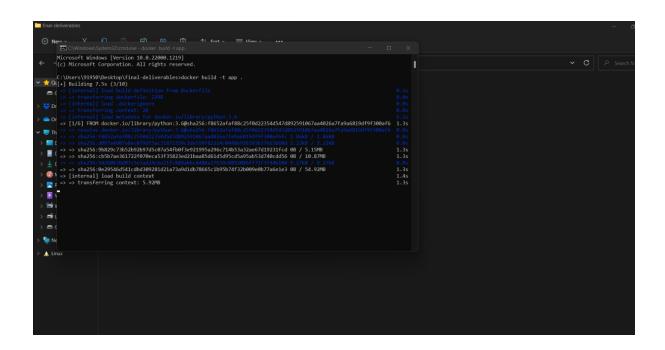
ASHOK KUMAR CV

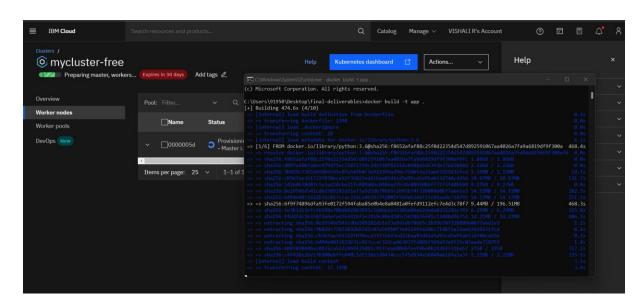
Team ID: PNT2022TMID21475

TASK COMPLETED:

- > Containerize the flask app
- Upload in docker hub
- Building Image
- > Pushing docker image
- > Running on Docker playground
- > Setting up container registry
- > Uploading image in container registry
- Deploy in Docker





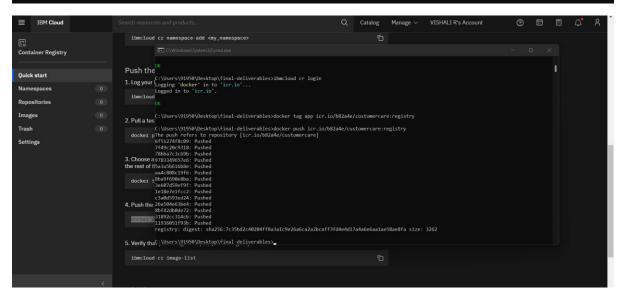


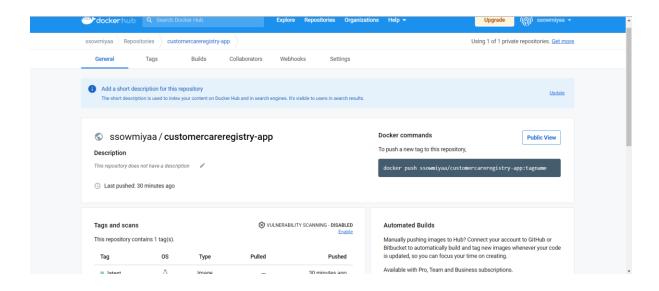
```
Pool: Filter...

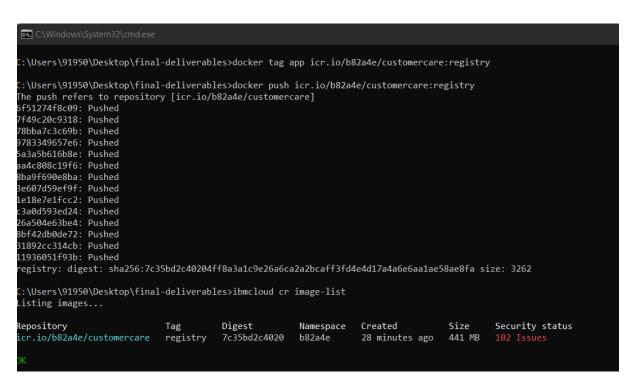
Pool: Filter...

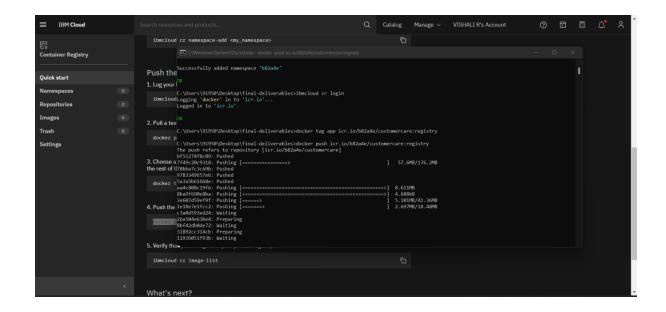
| C\time | Common | Com
```

```
C:\Windows\System32\cmd.exe
. us-south
10. us-east
11. br-sao
Enter a number> 9
Targeted region us-south
API endpoint:
                 https://cloud.ibm.com
Region:
                  vishali@student.tce.edu
                 VISHALI R's Account (869224bab5004a67bada8ddc354b1ce4)
Resource group:
                 No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
F API endpoint:
Org:
Space:
 :\Users\91950\Desktop\final-deliverables>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.
```

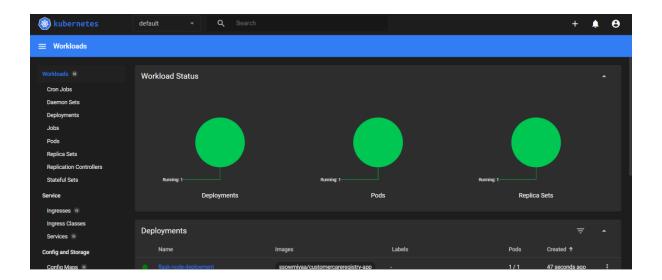








C:\Users\91950\Desktop\final-deliverables>kubectl apply -f https://raw.githubusercontent.com/kubernetes/dashboard/v
ded.yaml
namespace/kubernetes-dashboard created
serviceaccount/kubernetes-dashboard created
service/kubernetes-dashboard created
secret/kubernetes-dashboard-certs created
secret/kubernetes-dashboard-csrf created
secret/kubernetes-dashboard-settings created
configmap/kubernetes-dashboard-settings created
role.rbac.authorization.k8s.io/kubernetes-dashboard created
clusterrole.rbac.authorization.k8s.io/kubernetes-dashboard created
clusterrolebinding.rbac.authorization.k8s.io/kubernetes-dashboard created
clusterrolebinding.rbac.authorization.k8s.io/kubernetes-dashboard configured
deployment.apps/kubernetes-dashboard created
service/dashboard-metrics-scraper created
deployment.apps/dashboard-metrics-scraper created



LbnQiOnsibmFtZSiGimFkbNLUXVzZXIiCJ1aWqiOiISNZNIMTBmNiIiMjVkLTQyZTktYjhmNS@yOW3NjNhYWEzMzIifX08Im5iZiIGMTY2ODg0NzE4MSwic3VIIjoic3lzdGVtOnNlcnzpYZVhY2NvdN500mtTNV6EDWbNSD0mtTNV6EZDGWMMAHVKeTSmMSWcpETG6Dic03qK6AbgmfixmmKAAd28S9orK9bv7ooVMQsIwkg7asL7aEcepedjsaOIzQdr06SISmmVUS0tsQV 4clgx3APJ2a0ElpV6y_zrdgdWgzfUz99dXdhcuXronblubGT3CcEbDt8qXgt_cfQ3bUv7bTi3ZRo9oVv-HUVDoGejQQtueki3iVSZtKPUBvyh2dx_Y_KrFppYcIBIwlchxwBrcKV723SSAbyem&K8nn4ozE-SyJCxuc8-y_v10DL-MJBvokkcCTF2KZEuEbnYn_MSiHuJZ1ram92JYpMk_WhEU4eG3EccZhi8v2nsOboScB4fe9fK0IcZYLk214wk80YJ8k0AKkZK-FYVQiNuZHn8yO6CnpxLFx8seS7QJjQr4ehTdA0MgRv3A0sPJfjBKdvXV-IKdbn RcJrnNSQ1R8QKF7bNE_xPFHbWHthkWbB1zFkCmmbcmxYgITmLYF756mkugrh-46UN14mcZc3BVrMkbl_sMCm-yhc6Ai92Kd-JxTUVE0q0_CXncihn1j0BcJenP-p68IGAkrZsZAgKK0Czpa8WM5BiQv1YUtYzRrcIrlr_n9-TEPASZhZdqicuE7Sc78QShaGroyjc76KLva5qEkJp0Q16wpnTU9hoKQlD4

:\Users\91950\Desktop\final-deliverables>kubectl proxy

C :\Users\91950\Desktop\final-deliverables>kubectl create -f deployment.yaml rror from server (AlreadyExists): error when creating "deployment.yaml": deployments.apps "flask-node-deployment" already exists

:\Users\91950\Desktop\final-deliverables>kubectl create -f deployment.yaml eployment.apps/flask-node-deployment created

:\Users\91950\Desktop\final-deliverables>kubectl proxy starting to serve on 127.0.0.1:8001

c :\Users\91950\Desktop\final-deliverables>kubectl apply -f service.yaml ervice/flask-node-deployment created

C:\Users\91950\Desktop\final-deliverables>kubectl get nodes -o wide NAME STATUS ROLES AGE VERSION INTERNAL-IP EXTERNAL-IP OS-IMAGE KERNEL-VERSION CONTAINER-RUNTIME 10.144.180.218 Ready «none» 102m v1.24.7+IKS 10.144.180.218 169.51.195.72 Ubuntu 18.04.6 LTS 4.15.0-194-generic containerd://1.6.8

:\Users\91950\Desktop\final-deliverables>

C:\Users\91950\Desktop\final-deliverables>kubectl get nodes -o wide NAME STATUS ROLES AGE VERSION INTERNAL-IP EXTERNAL-IP OS-IMAGE KERNEL-VERSION CONTAINER-RUNTIME 10.144.180.218 Ready <none> 102m v1.24.7+IKS 10.144.180.218 169.51.195.72 Ubuntu 18.04.6 LTS 4.15.0-194-generic containerd://1.6.8