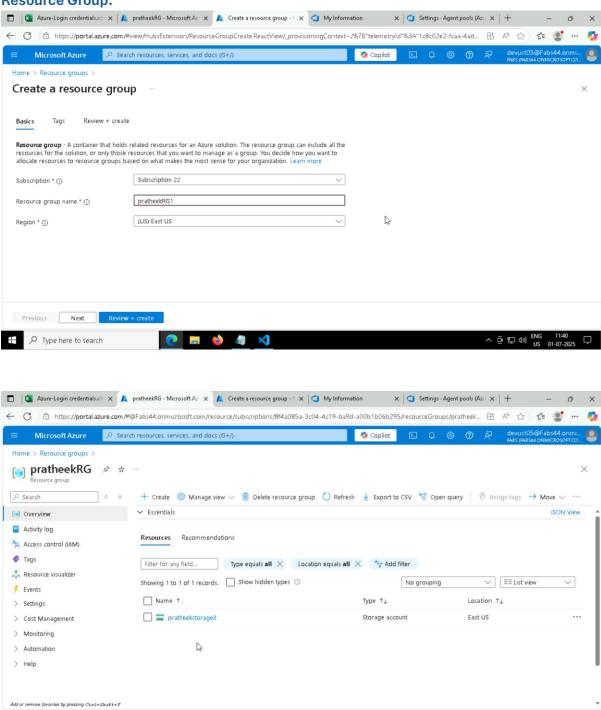
# **AZURE**

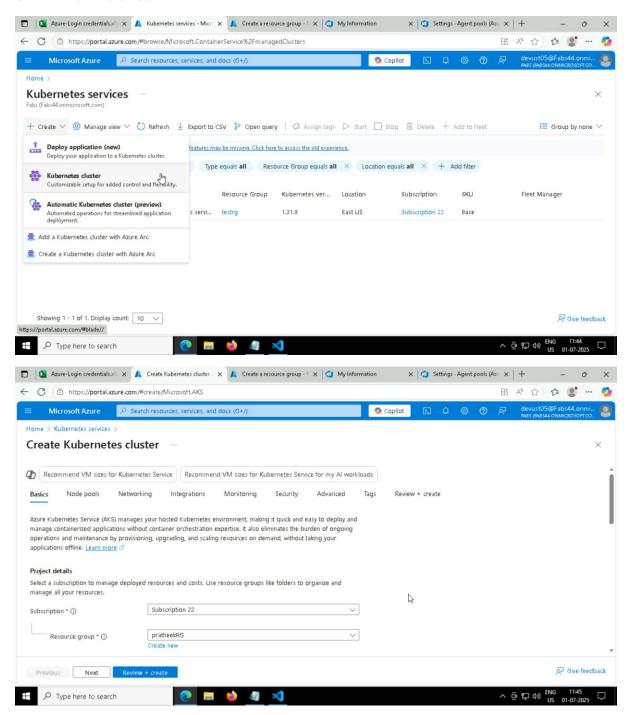
#### **PROVISIONING AZURE RESOURCES**

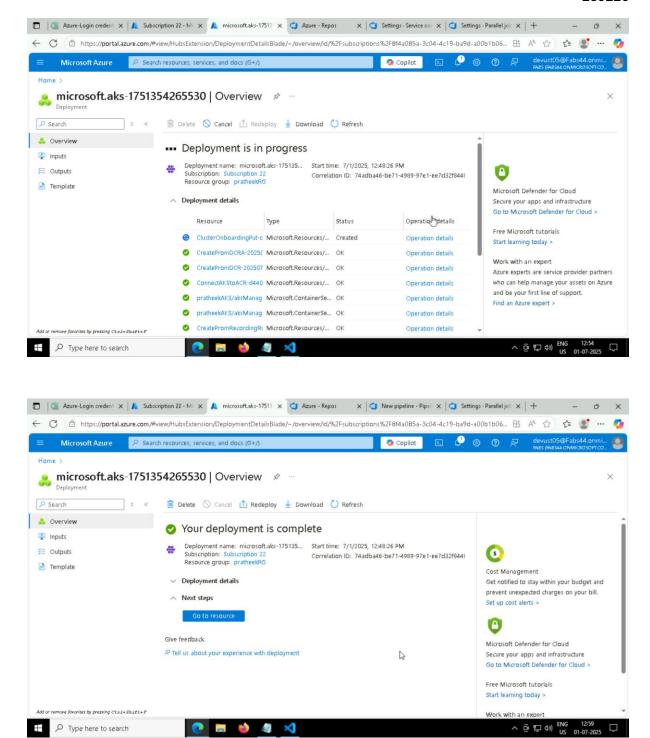
## **Resource Group:**

P Type here to search



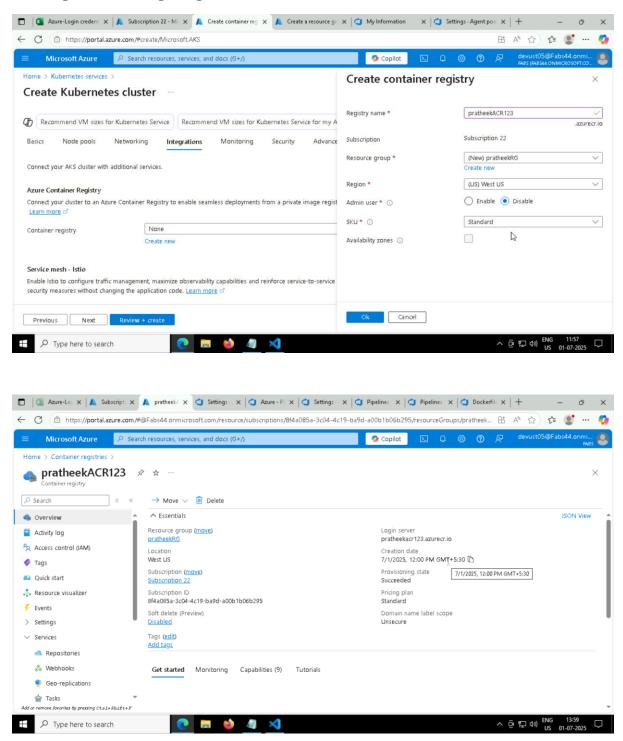
#### **CREATING AKS CLUSTER:**





The deployment of pratheekAKS cluster is complete.

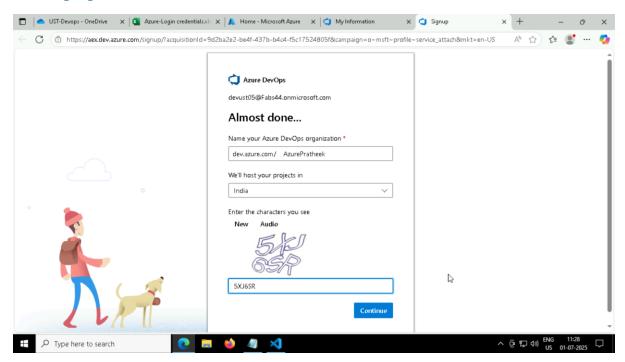
#### **Creating ACR and integrating with AKS:**



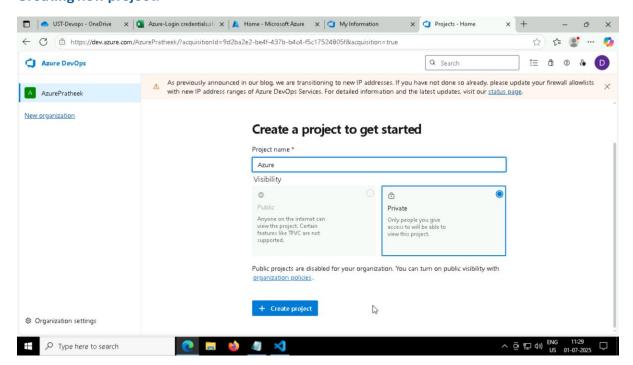
From the above, we can see pratheekACR is created and is integrated to PratheekAKS cluster

### **SETTING UP AZURE DEVOPS**

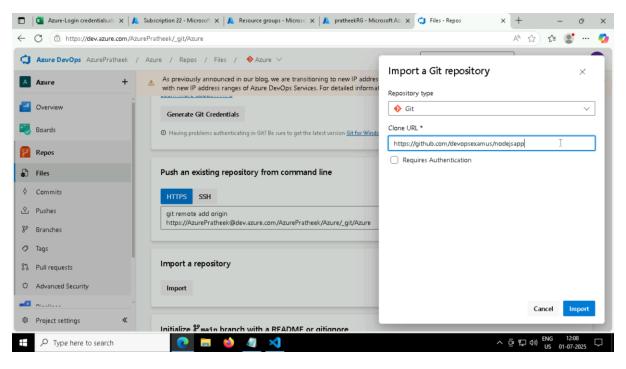
### **Creating organization:**

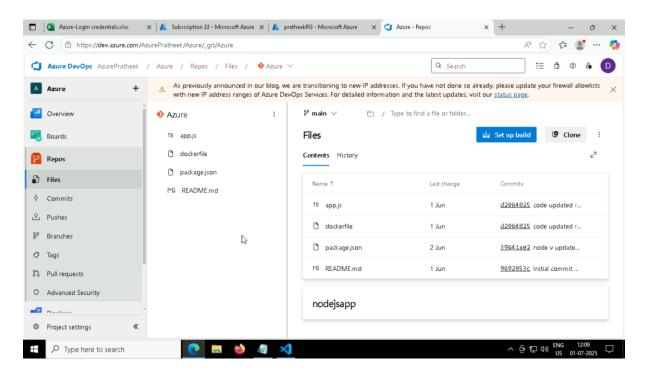


## **Creating new project:**

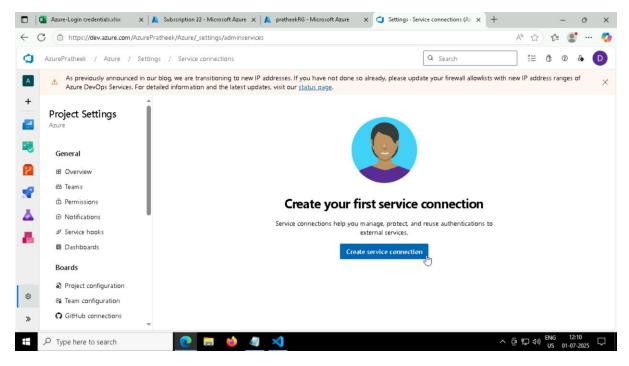


## **Cloning repository:**

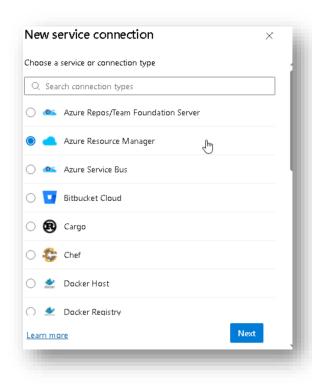


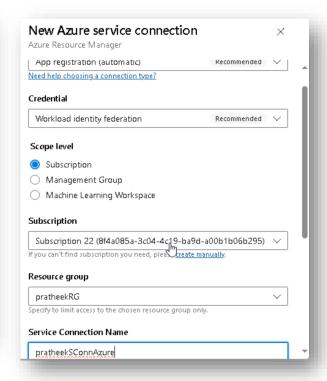


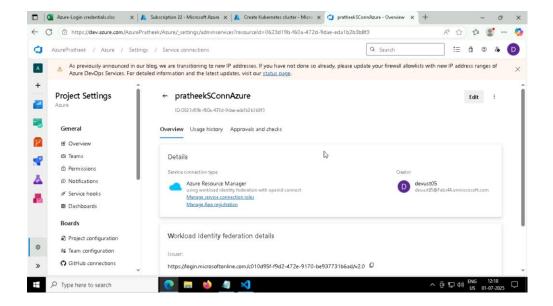
#### Service connections:



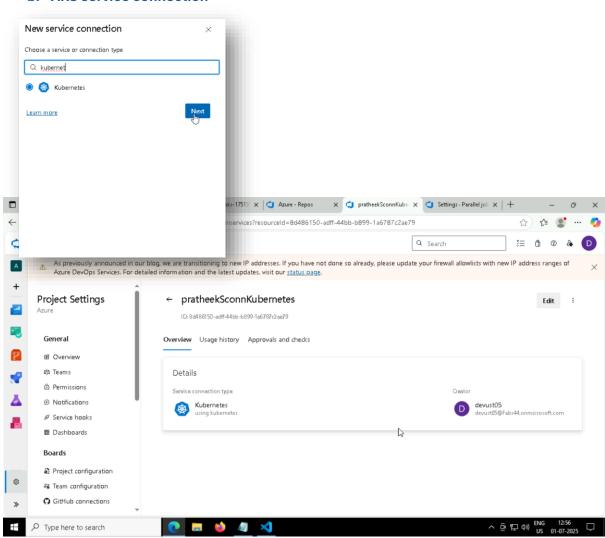
#### a. Azure service connection:



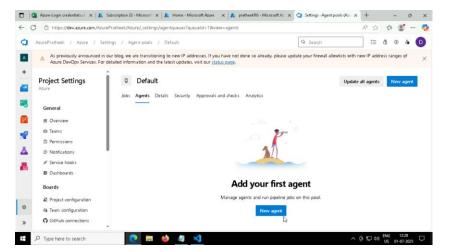




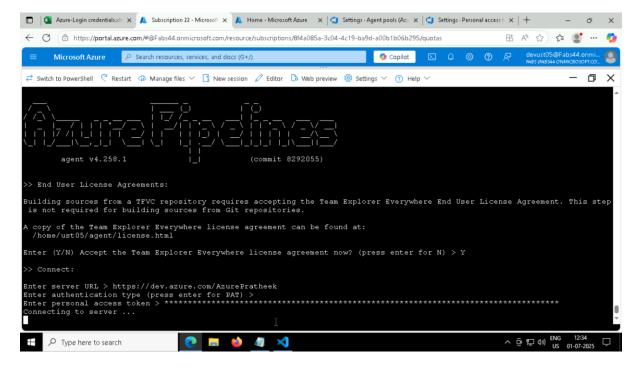
#### b. AKS service connection

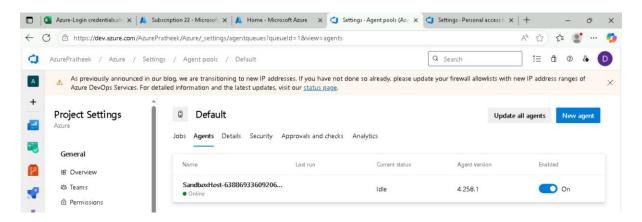


## **Creating agent:**



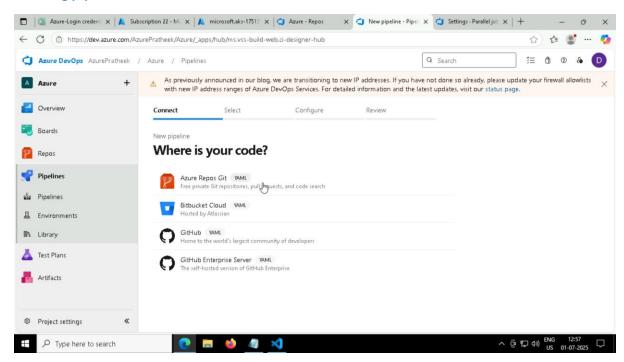
## **Adding agent:**

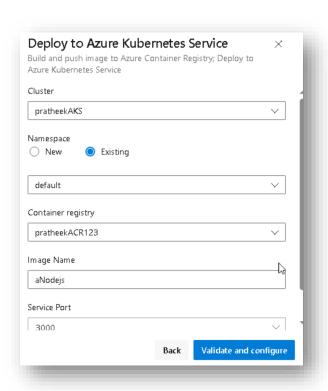




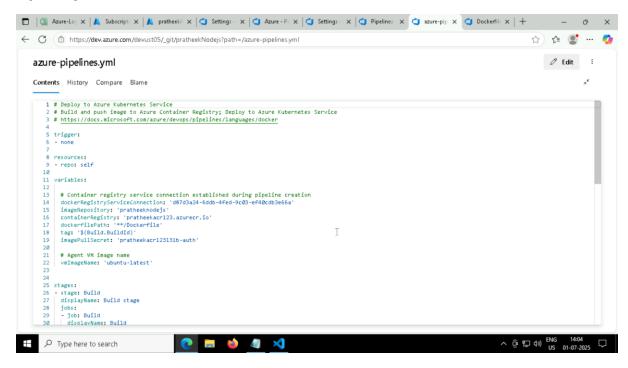
## **CONFIGURING CI/CD PIPELINE**

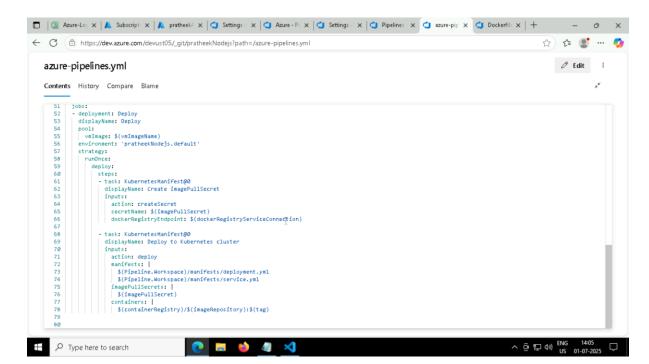
### **Building pipeline:**



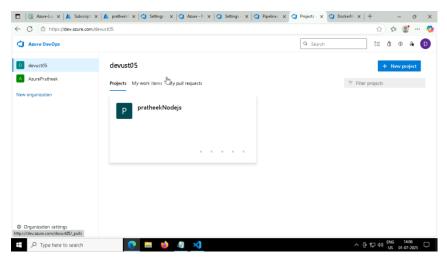


#### Pipeline yml:

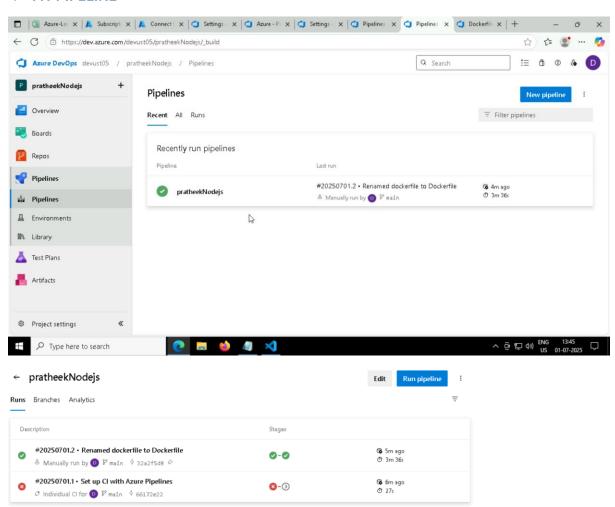




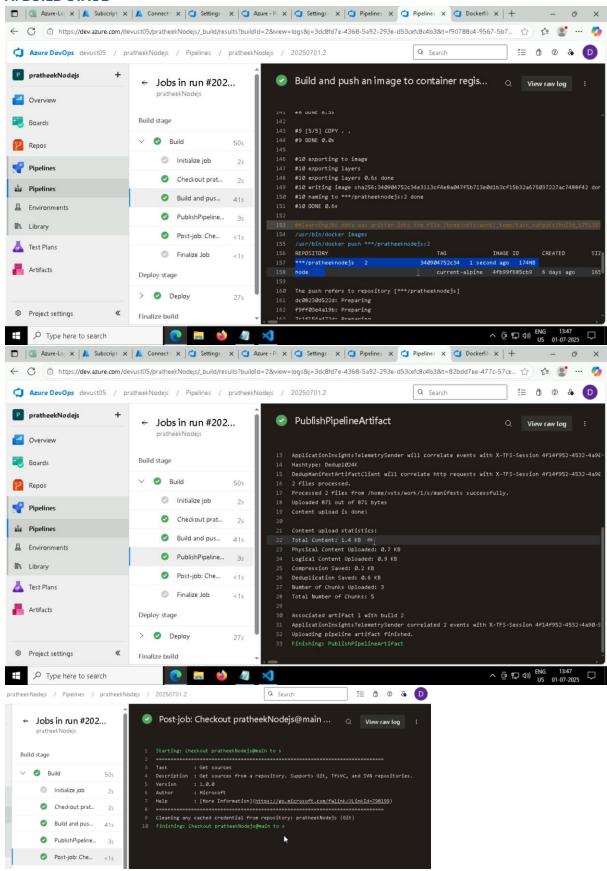
I had problem with hosting agents. So I created new organization and increased the ms-host -> 4. Thereafter rectifying that issue.



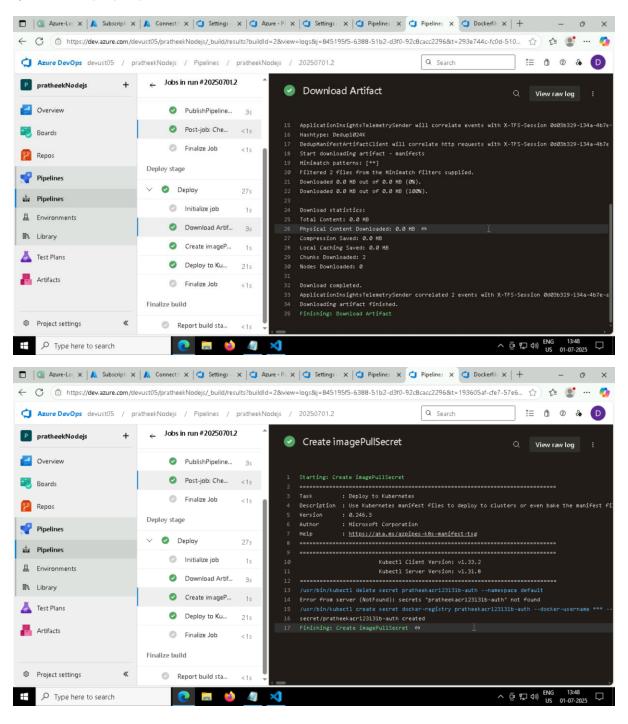
## **MY PIPELINE**

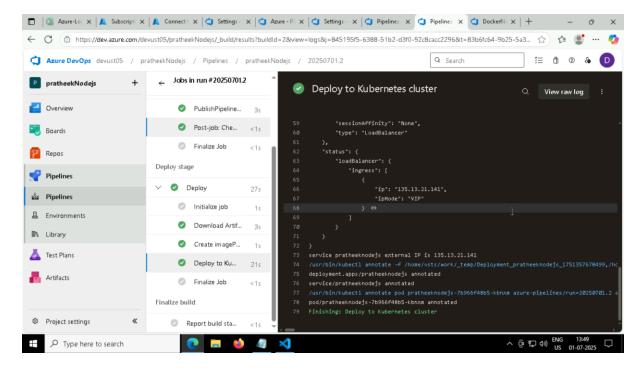




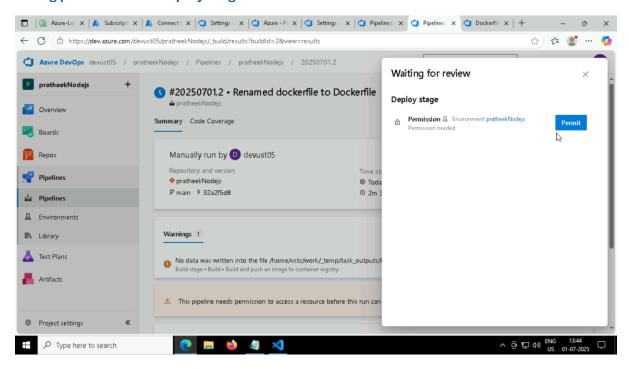


#### B. DEPLOY STAGE



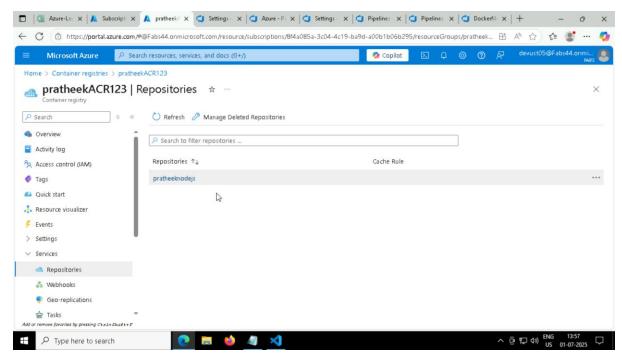


#### Giving permission for deploy stage:



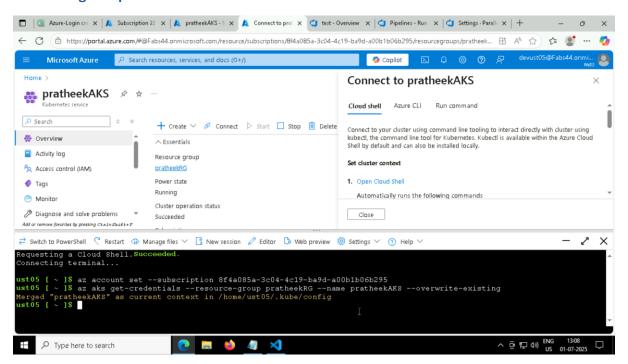
### **UTPUT CHECK**

#### **Checking ACR for image being pushed:**

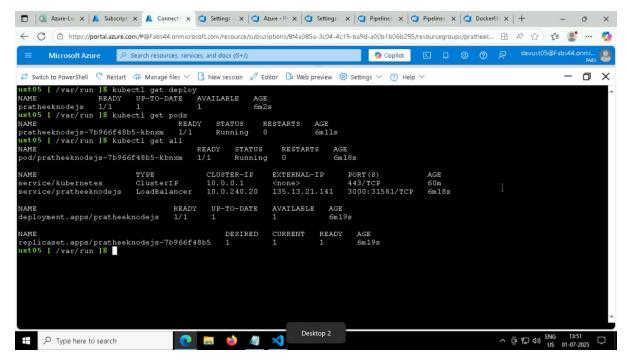


As we can see, my image "pratheeknodejs" is pushed to pratheekACR

#### Getting into pratheekAKS:



#### **♣** OUTPUT CHECK



And it is successfully deployed into pratheekAKS and pods are running!