

## Deployment Of App In IBM Cloud

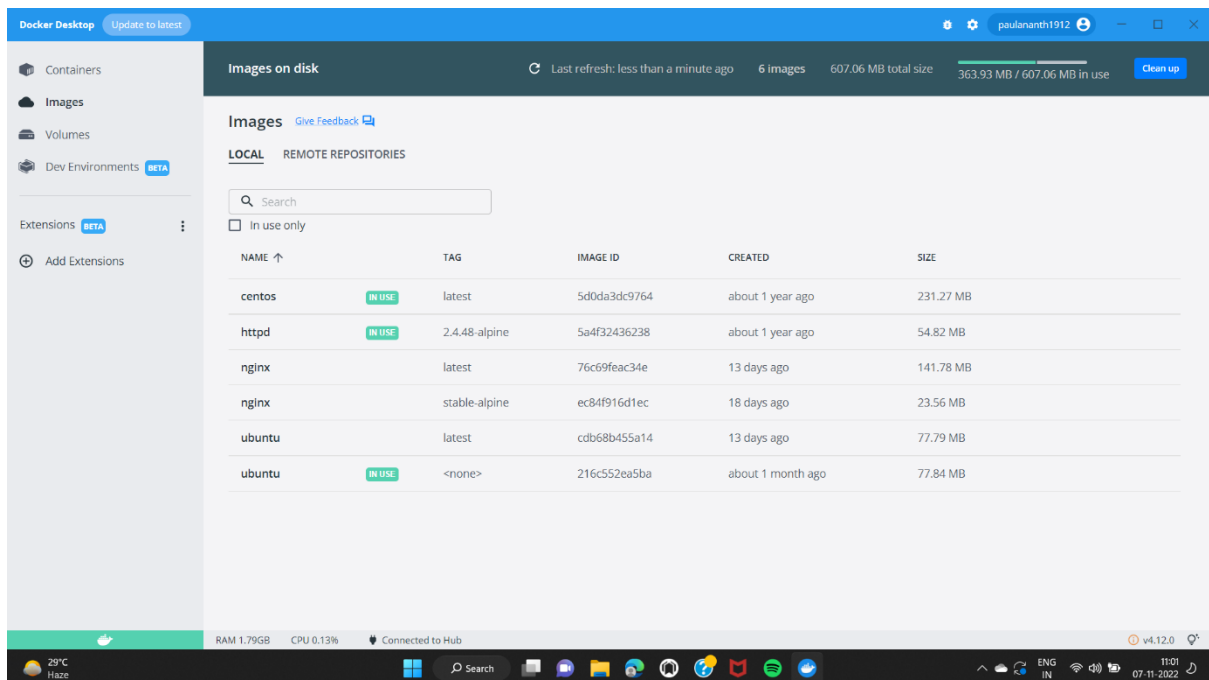
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Team ID	PNT2022TMID43190
Project Name	Inventory Management System for Retailers

### TASK

- Containerize the App
- Upload image to IBM Container Registry
- Deploy in Kubernetes Cluster

### Containerize the App

❖ Docker image creation



## Upload image to IBM Container Registry

```
PS C:\Users\HP> docker tag hello-world icr.io/0034ns/helloworld
PS C:\Users\HP> docker push icr.io/0034ns/helloworld
Using default tag: latest
The push refers to repository [icr.io/0034ns/helloworld]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
```

## Deploy in Kubernetes Cluster

Deploy on kubernets

IBM App Development | Deprecation of IBM Cloud Foundry | Create a Kubernetes Cluster for | mycluster-free - IBM Cloud

cloud.ibm.com/kubernetes/clusters/cdm10fsf0pt7s59fiusg/nodes

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Clusters / mycluster-free Preparing master, workers... Expires in 30 days Add tags Help Kubernetes dashboard Actions...

Overview | **Worker nodes** | Worker pools | DevOps New

Pool: Filter... | Search

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input type="checkbox"/>	000000c9	Deployed	default	Milan 01	10.144.213.108	169.51.206.6	1.24.7_1543

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