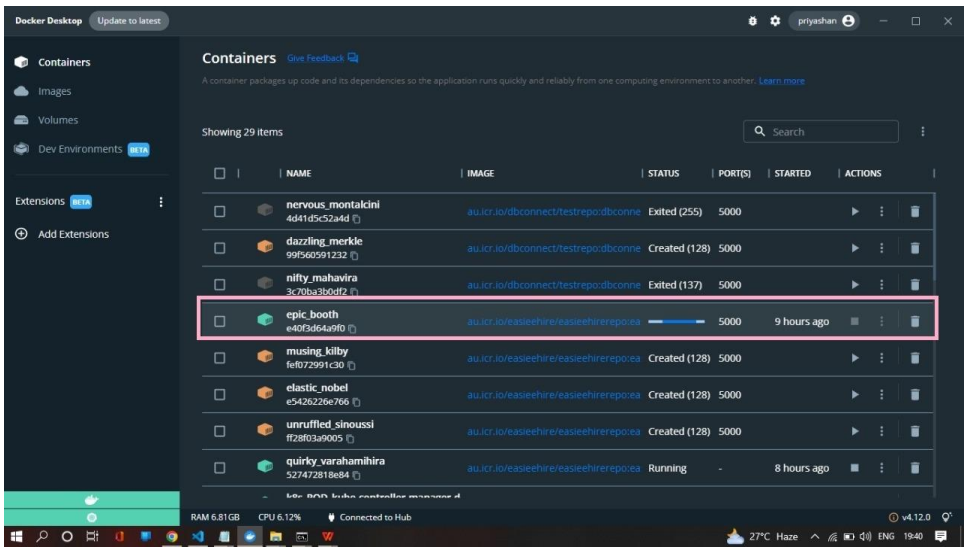
PROJECT DEVELOPMENT – DELIVERY OF SPRINT 4

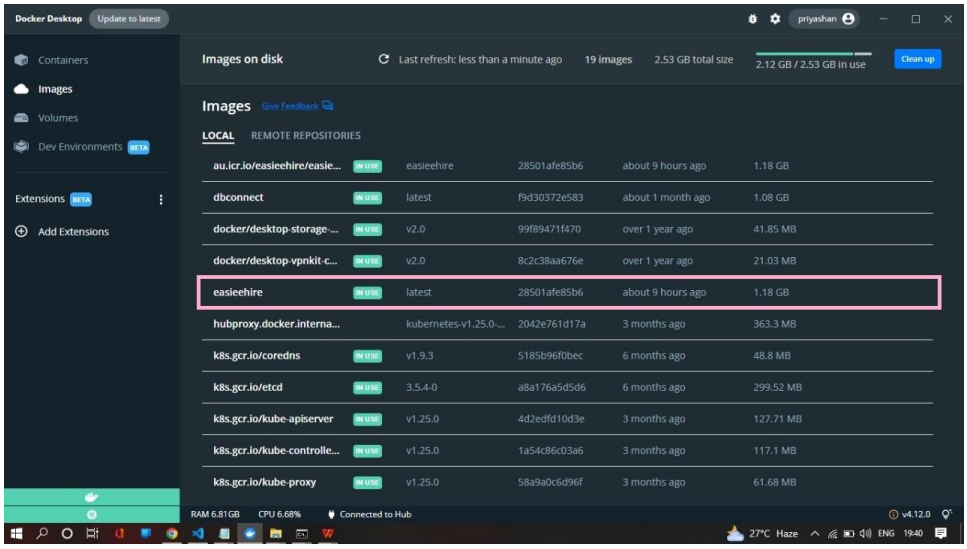
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	18	6 Days	24 Oct 2022	29 Oct 2022	18	29 Oct 2022
Sprint-2	27	6 Days	31 Oct 2022	05 Nov 2022	27	05 Nov 2022
Sprint-3	29	6 Days	07 Nov 2022	12 Nov 2022	29	12 Nov 2022
Sprint-4	14	6 Days	14 Nov 2022	19 Nov 2022	14	19 Nov 2022

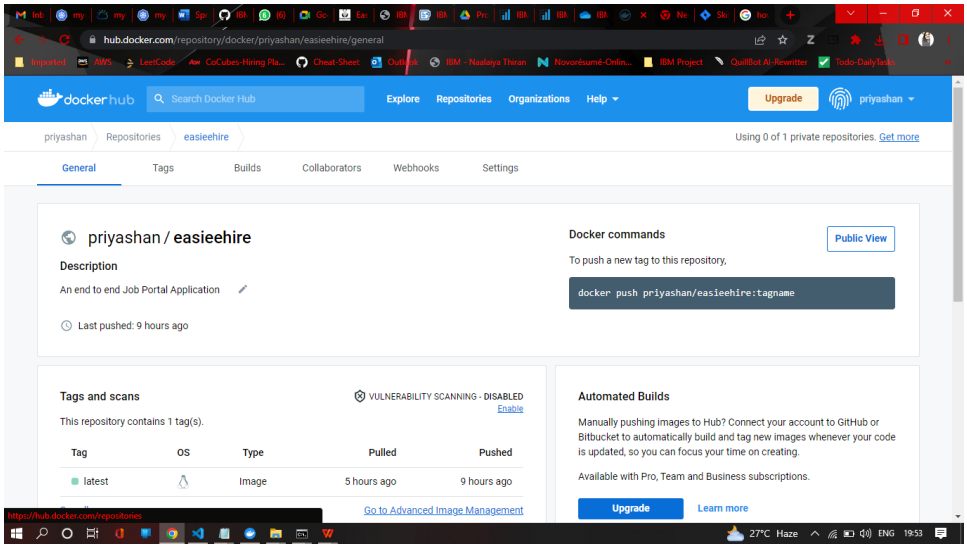
Sprint 4

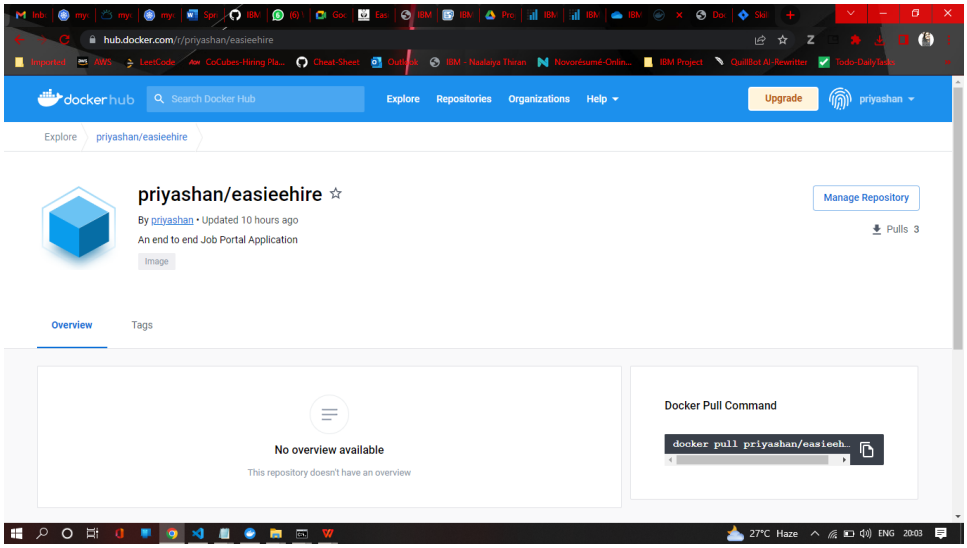
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-4	System testing	USN-23	As a user I can access my website without any fault or malfunction	5	Medium
Sprint-4	Docker	USN-24	As a user I can access my containerized application in any device	3	High
Sprint-4	Kubernetes	USN-25	As a user I can access my containerized application in any device with greater security	3	High
Sprint-4	Deployment in the Cloud	USN-26	As a user I can access the website from anywhere in the world	3	High

Creating a Docker Image & Pushing to Docker hub

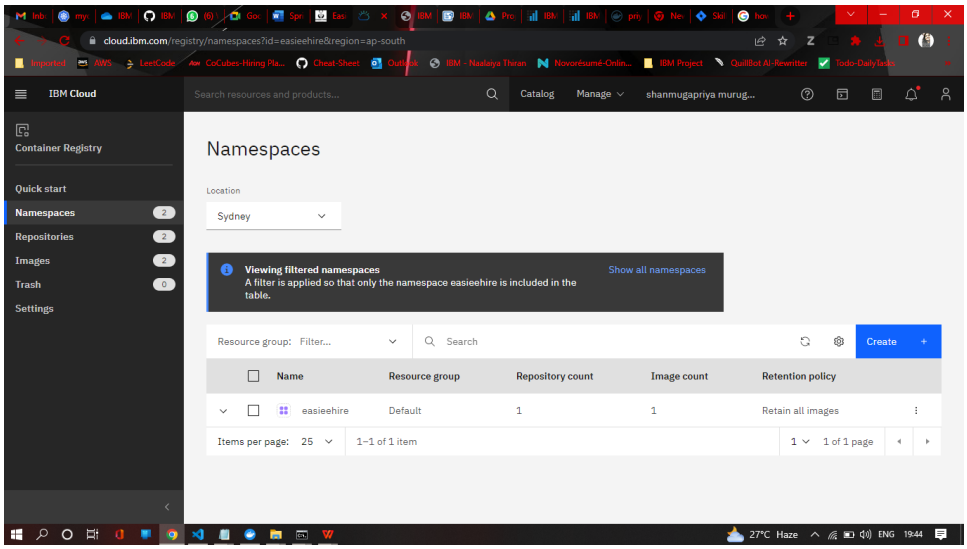


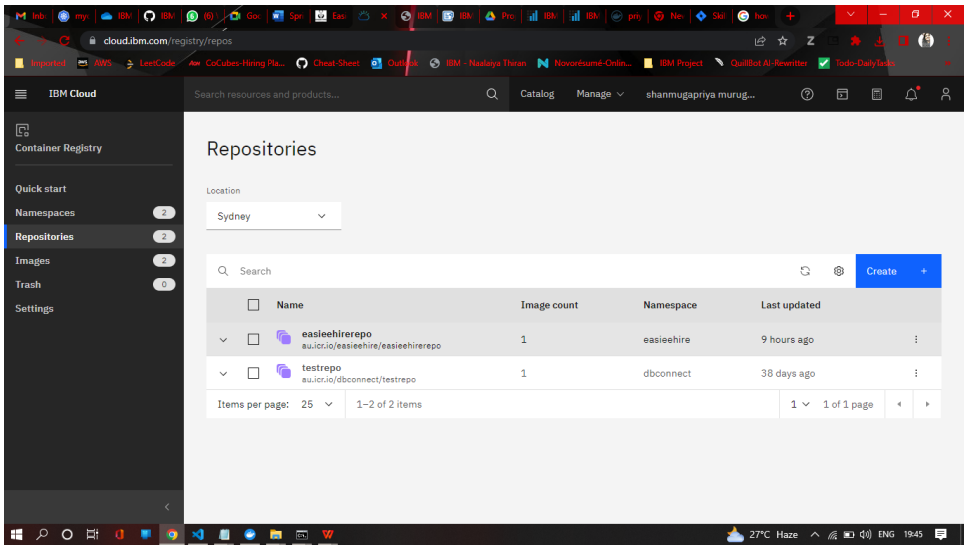

Docker Desktop
Update to latest
priyashan
Containers
Images
Volumes
Dev Environments
Extensions
Add Extensions
Images on disk
Last refresh: less than a minute ago
19 images
2.53 GB total size
2.12 GB / 2.53 GB in use
Clean up
Images
LOCAL
REMOTE REPOSITORIES
au.icr.io/easieehire/easie... easieehire 28501afe85b6 about 9 hours ago 1.18 GB
dbconnect latest f9d30372e583 about 1 month ago 1.08 GB
docker/desktop-storage-... v2.0 99f89471f470 over 1 year ago 41.85 MB
docker/desktop-vpnkit-c... v2.0 8c2c38aa676e over 1 year ago 21.03 MB
easieehire latest 28501afe85b6 about 9 hours ago 1.18 GB
hubproxy.docker.interna... kubernetes-v1.25.0-... 2042e761d17a 3 months ago 363.3 MB
k8s.gcr.io/coredns v1.9.3 5185b96f0bec 6 months ago 48.8 MB
k8s.gcr.io/etcd 3.5.4-0 a8a176a5d5d6 6 months ago 299.52 MB
k8s.gcr.io/kube-apiserver v1.25.0 4d2edfd10d3e 3 months ago 127.71 MB
k8s.gcr.io/kube-controlle... v1.25.0 1a54c86c03a6 3 months ago 117.1 MB
k8s.gcr.io/kube-proxy v1.25.0 58a9a0c6d96f 3 months ago 61.68 MB
RAM 6.81GB CPU 6.68% Connected to Hub
v4.12.0

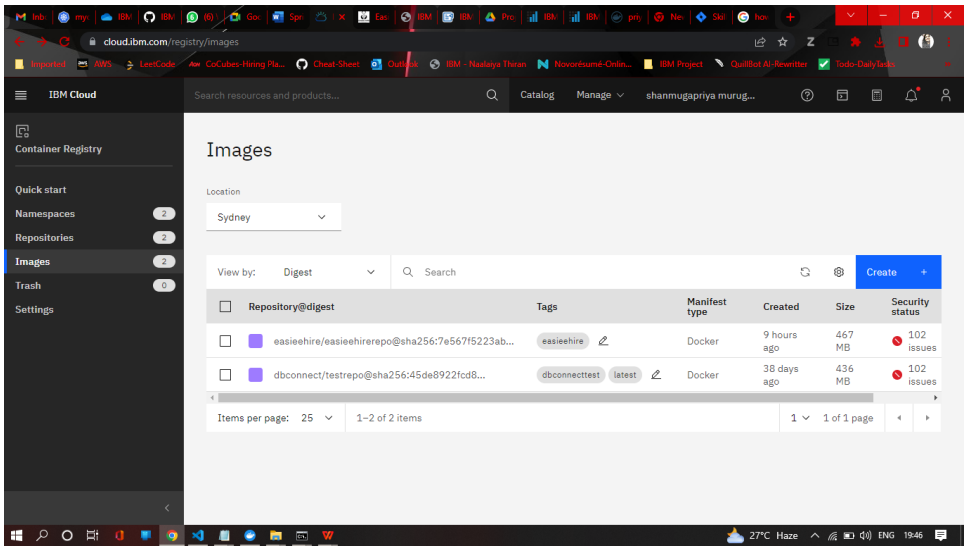

hub.docker.com/repository/docker/priyashan/easieehire/general
docker hub
Search Docker Hub
Explore
Repositories
Organizations
Help
Upgrade
priyashan
priyashan / Repositories / easieehire
Using 0 of 1 private repositories. Get more
General
Tags
Builds
Collaborators
Webhooks
Settings
priyashan / easieehire
Description
An end to end Job Portal Application
Last pushed: 9 hours ago
Docker commands
Public View
To push a new tag to this repository,
docker push priyashan/easieehire:tagname
Tags and scans
VULNERABILITY SCANNING - DISABLED
Enable
This repository contains 1 tag(s).
Tag OS Type Pulled Pushed
latest Image 5 hours ago 9 hours ago
Go to Advanced Image Management
Automated Builds
Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.
Available with Pro, Team and Business subscriptions.
Upgrade
Learn more


hub.docker.com/r/priyashan/easieehire
docker hub
Search Docker Hub
Explore
Repositories
Organizations
Help
Upgrade
priyashan
Explore / priyashan/easieehire
priyashan/easieehire
By priyashan • Updated 10 hours ago
An end to end Job Portal Application
Image
Manage Repository
Pulls 3
Overview
Tags
No overview available
This repository doesn't have an overview
Docker Pull Command
docker pull priyashan/easieeh...

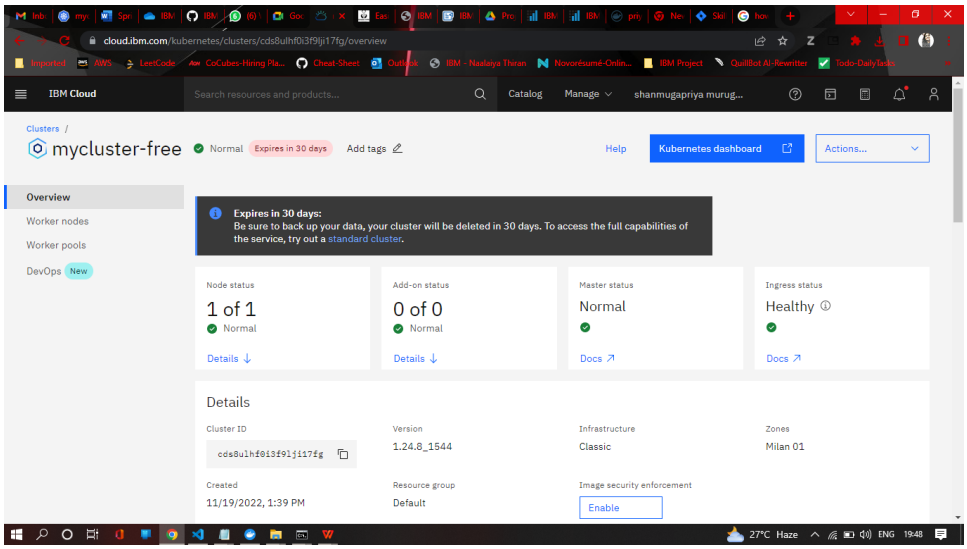
Creating IBM Container Registry & Pushing Docker Image

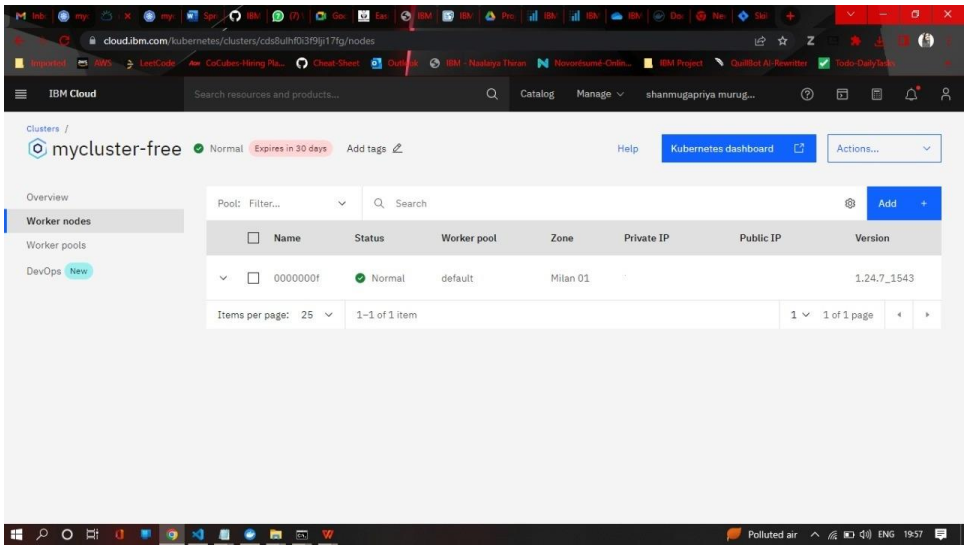


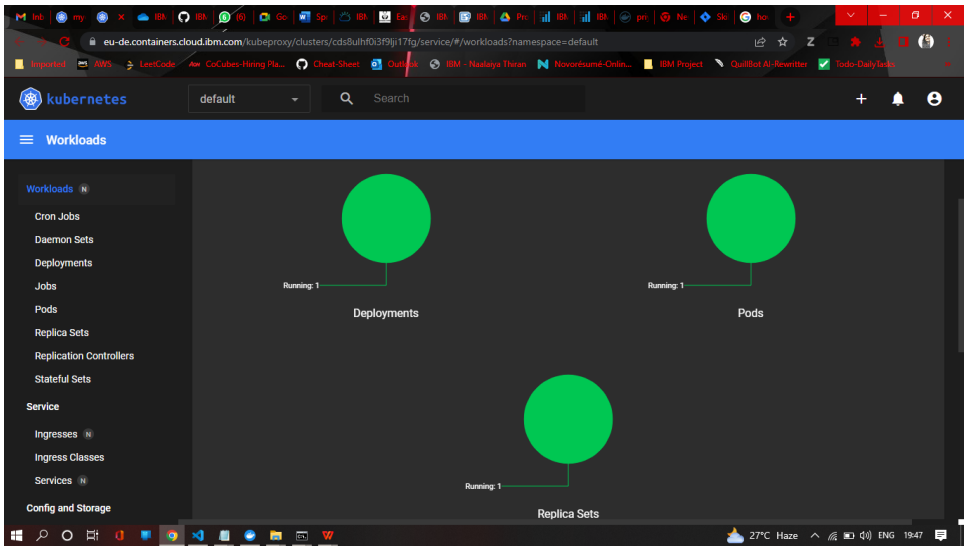


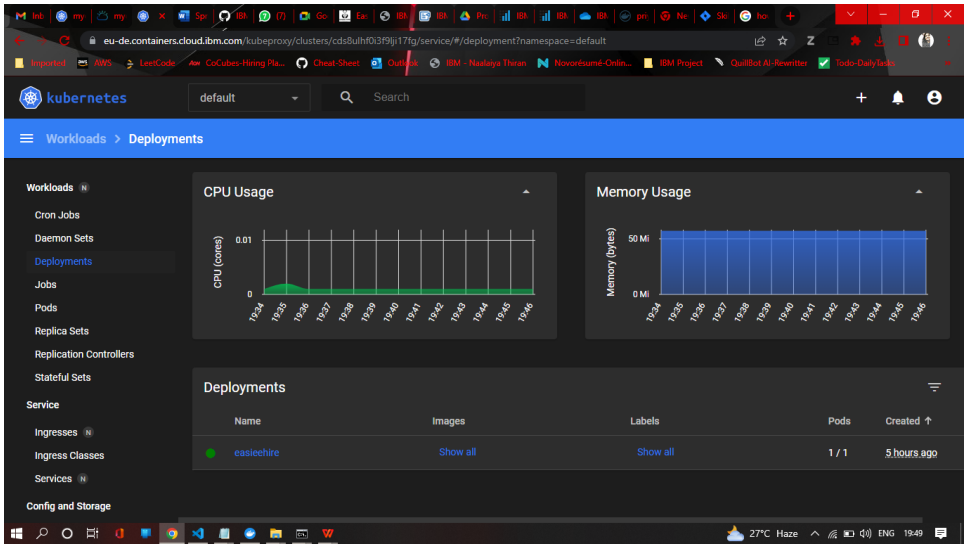


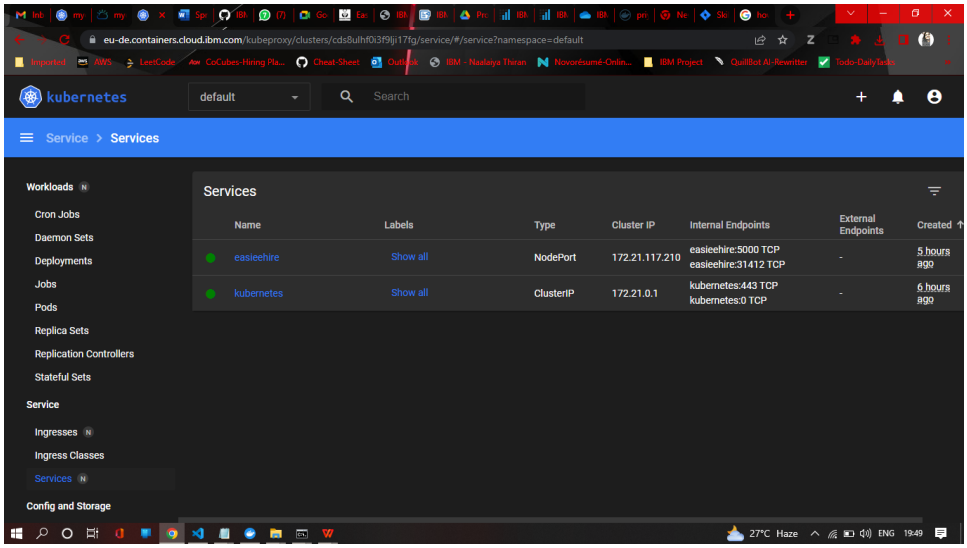
Deploying into Kubernetes



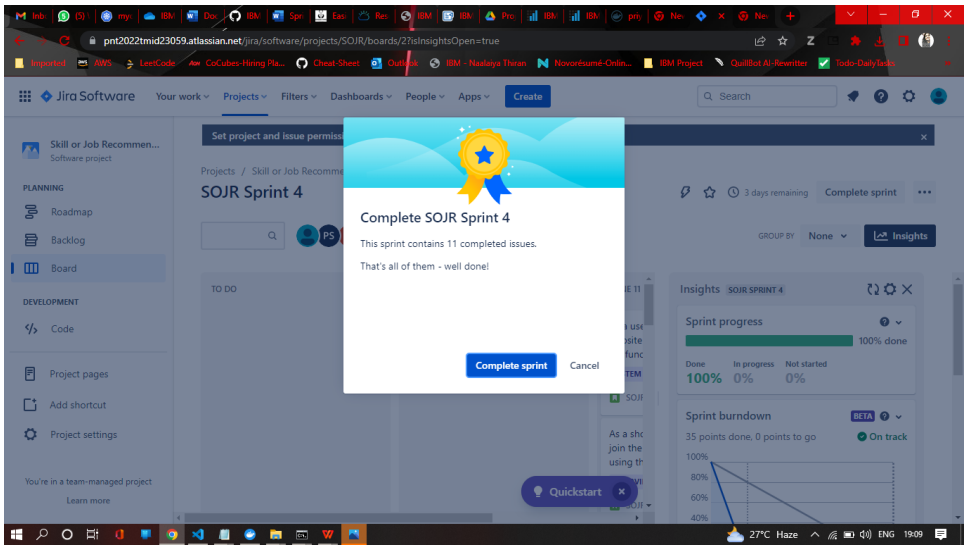




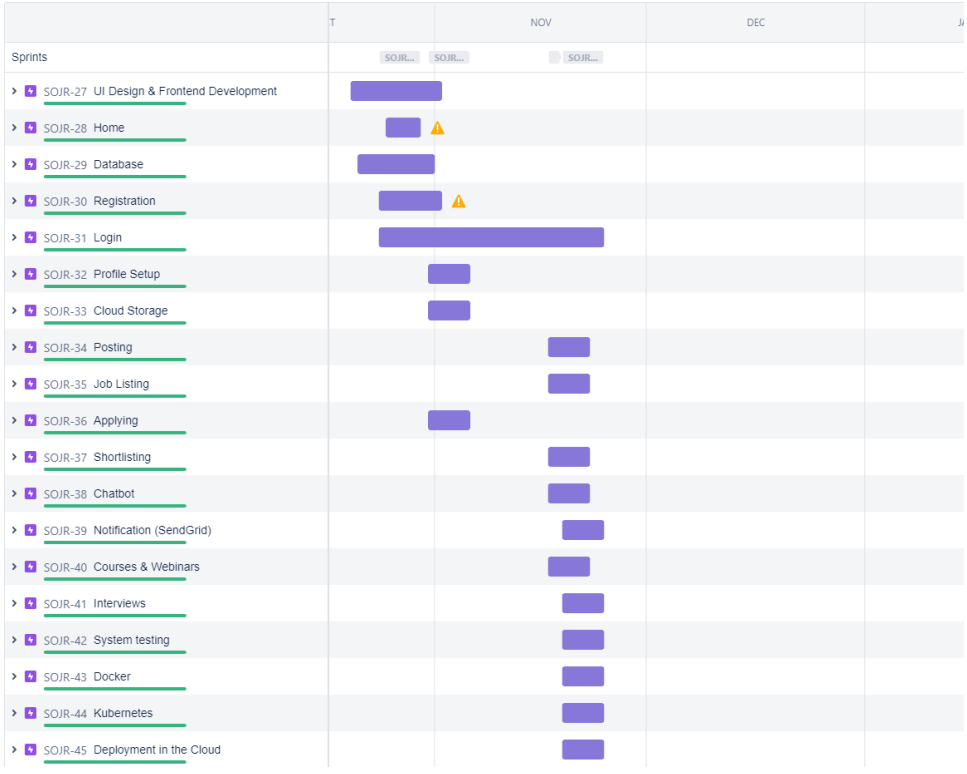

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cds8ulhf0i3f9lji17fg/service/#/deployment?namespace=default
kubernetes
default
Search
Workloads > Deployments
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Ingress Classes
Services
Config and Storage
CPU Usage
CPU (cores)
0.01
0
Memory Usage
Memory (bytes)
50 Mi
0 Mi
Deployments
Name
Images
Labels
Pods
Created
easieehire
Show all
Show all
1 / 1
5 hours ago
27°C Haze
ENG
19:49


eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cds8ulhf0i3f9lji17fg/service/#/service?namespace=default
kubernetes
default
Search
Service > Services
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Ingress Classes
Services
Config and Storage
Services
Name
Labels
Type
Cluster IP
Internal Endpoints
External Endpoints
Created
easieehire
Show all
NodePort
172.21.117.210
easieehire:5000 TCP
easieehire:31412 TCP
-
5 hours ago
kubernetes
Show all
ClusterIP
172.21.0.1
kubernetes:443 TCP
kubernetes:0 TCP
-
6 hours ago
27°C Haze
ENG
19:49

Reports from JIRA Sofware



Final Report from JIRA



Tech Stack used in this Sprint

- Docker
- IBM Container Registry
- Kubernetes