

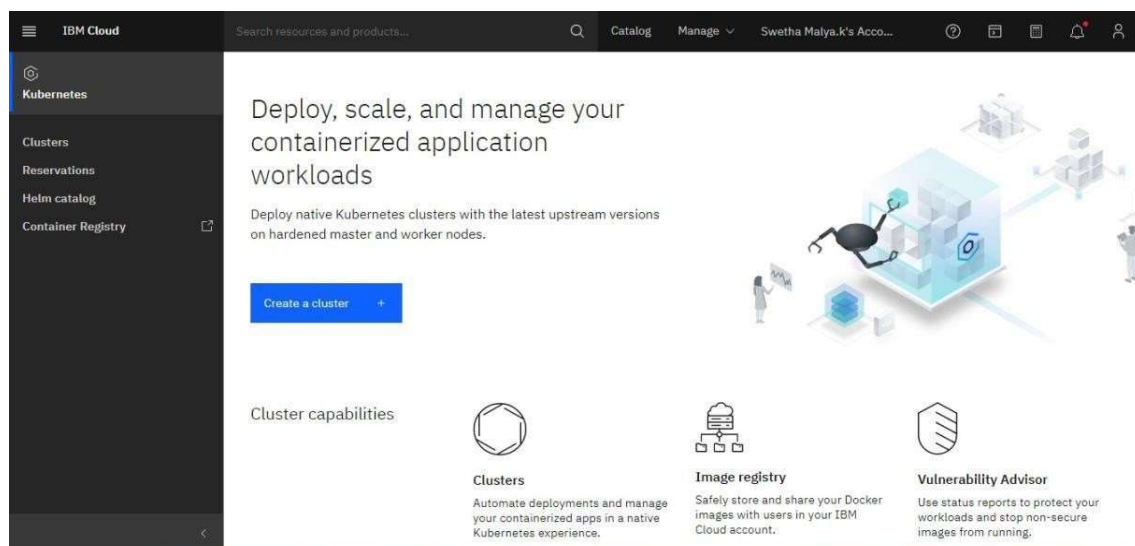
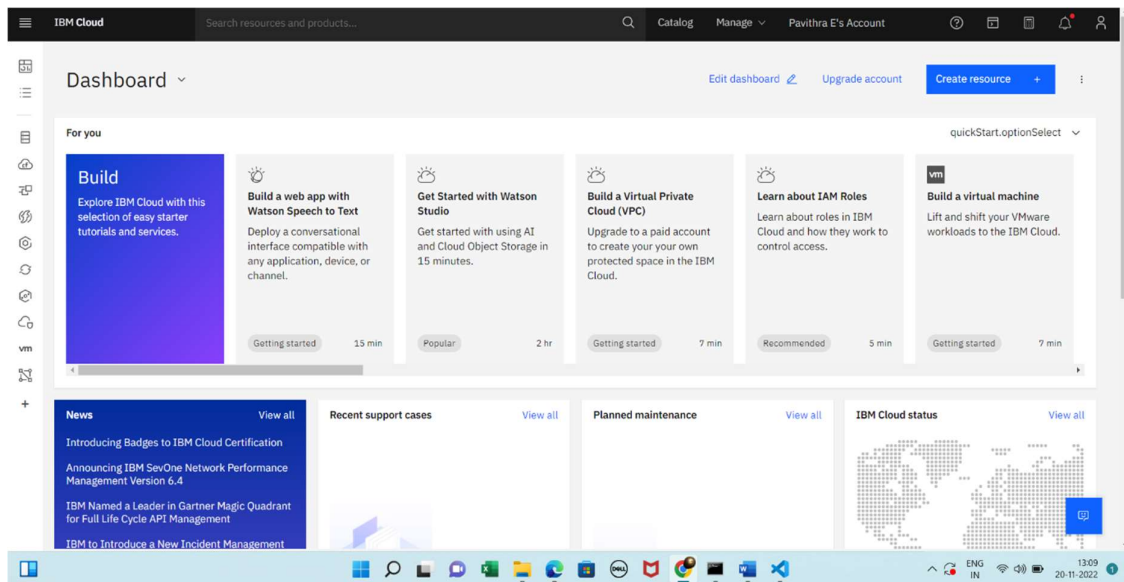
Deploy In Kubernetes Cluster

Team ID	PNT2022TMID46351
Project Name	Nutrition Assistant Application

Steps:

Create a Kubernetes cluster

- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.
- Click **Create Cluster**.



- Select the **Region** where you want to deploy the cluster, type in a **name** for your cluster, then
- click **Create Cluster**.
- Select the appropriate cluster type depending on your account.
- It takes some time for the cluster to get ready (around 30 minutes).

The screenshot shows the IBM Cloud Clusters dashboard for a cluster named 'mycluster-free'. The cluster is in the 'Preparing master, workers...' state and will expire in 30 days. The dashboard includes a sidebar with navigation options like 'Overview', 'Worker nodes', 'Worker pools', and 'DevOps'. The main content area displays the cluster's status and details.

Cluster Overview:

- Node status:** 1 of 1 Normal
- Add-on status:** 0 of 0 Normal
- Master status:** Normal
- Ingress status:** Healthy

Details:

Cluster ID	Version	Infrastructure	Zones
cdstpp1f05qevdgoauh	1.24.8_1544	Classic	Milan 01

Additional Information:

- Created:** 20/11/2022, 1:23 pm
- Resource group:** Default
- Image security enforcement:** [Enable](#)

Help Menu:

- Log in to your cluster
- Deploy your app
- Expose your app
- Add storage to your app
- Connect integrations
- Install add-ons
- Troubleshoot

- Once the cluster is ready, click on your cluster's name and you will be redirected to a new page with information about your cluster and worker node.

IBM Cloud

Search resources and products...

Catalog Manage Pavithra E's Account

Kubernetes

Clusters

Reservations


Helm catalog

Container Registry

Kubernetes clusters

Resource group: Filter... Location: Filter... Search

Create cluster +

Name	State	Location	Worker count	Created	Version	Infrastructure
mycluster-free	 Preparing master, workers...	Milan 01	1	Expires in 30 days	1.24.8_1544	Classic

Items per page: 25 1-1 of 1 item 1 1 of 1 page

- Click on the **Worker Nodes** tab to note the cluster's Public IP

IBM Cloud

Search resources and products...

Catalog Manage Pavithra E's Account

Clusters / mycluster-free

Preparing master, workers... Expires in 30 days Add tags

Overview


Worker nodes

Worker pools

DevOps New

Pool: Filter... Search

Add +

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input type="checkbox"/>	00000016	 Normal	default	Milan 01	10.144.183.244	169.51.200.45	1.24.7_1543

Items per page: 25 1-1 of 1 item 1 1 of 1 page

Help

Kubernetes dashboard

Actions...

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot