

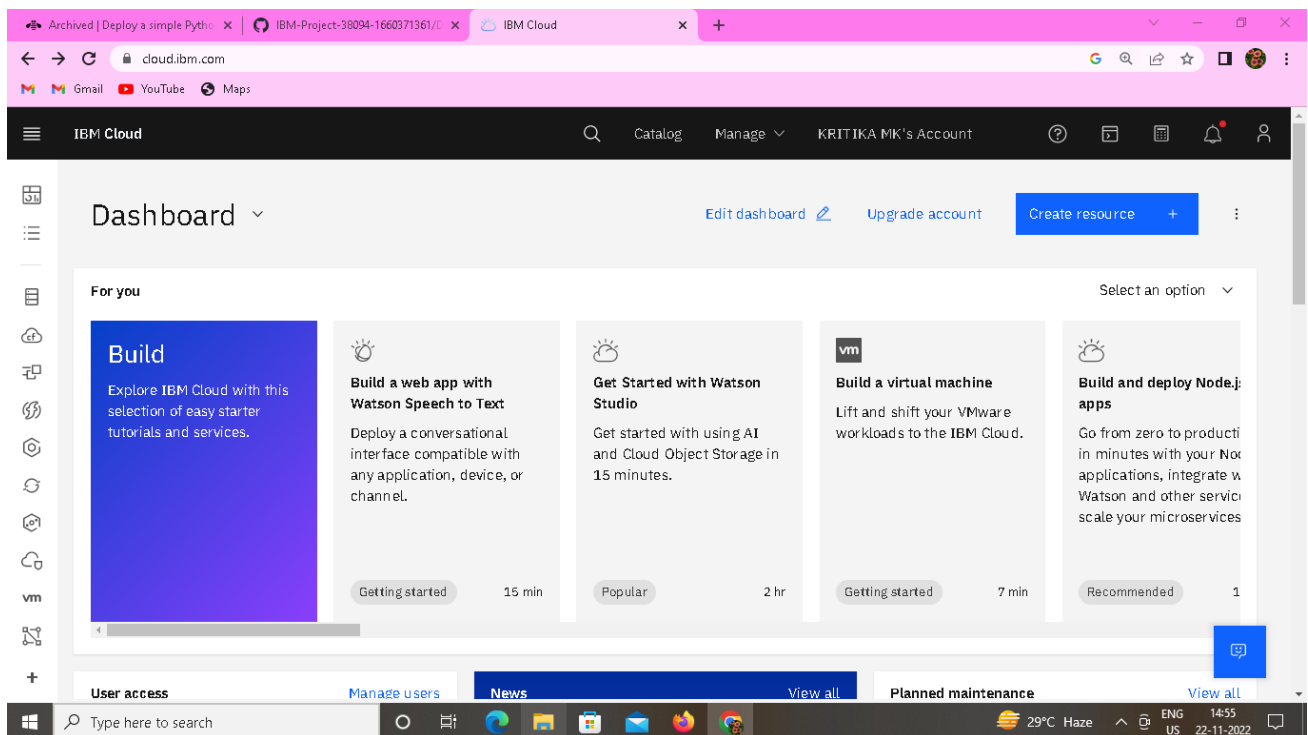
Deploy in Kubernetes Cluster

Team ID	PNT2022TMID07424
Project Name	Skill and Job Recommender

Steps:

Create a Kubernetes cluster

- Sign in to your IBM Cloud Dashboard.
- Open IBM Kubernetes Service.



- Click Create Cluster.

Create a Cluster - IBM Cloud

cloud.ibm.com/kubernetes/catalog/create

IBM Cloud

Plan details

Learn more about the differences between plans in our [docs](#).

Pricing plan

Free

Kubernetes version

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, [see the docs](#).

1.24.8

Resource details

Cluster name

mycluster-free

Summary

United States

Kubernetes cluster

1 Worker node Free

Free - 2 vCPUs 4GB RAM
Virtual - shared
Ubuntu 18

Total estimated cost Free/mo

Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
Estimate does not include costs for integrations.

Create

Add to estimate

- 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 mycluster-free dashboard. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (KRITIKA MK's Account). The main header area displays the cluster name 'mycluster-free', a 'Help' link, a 'Kubernetes dashboard' button, and an 'Actions...' dropdown. A status bar indicates 'Preparing master, workers...' with a green checkmark and a red 'Expires in 30 days' warning. The left sidebar contains links for Overview, Worker nodes, Worker pools, and DevOps (marked as 'New'). The main content area features a large warning banner about the 30-day expiration. Below this, four status cards are shown: Node status (1 of 1, Pending), Add-on status (0 of 0, Normal), Master status (Deploying), and Ingress status (Pending). A 'Details' section at the bottom lists Cluster ID, Version (1.24.8_1544), Infrastructure (Classic), and Zones (Milan 01). A right-hand 'Help' panel provides instructions on how to log in to the cluster using the IBM Cloud Shell.

- 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.

This screenshot shows the same IBM Cloud mycluster-free dashboard, but with the 'Worker pools' tab selected in the left sidebar. The main content area now displays a table of worker pools. The table has columns for Name, Zones, Status, Workers per zone, Actual / Declared workers, and Flavor. A single pool named 'default' is listed, located in 'Milan 01' zone, with a status of 'Active', 1 worker per zone, and 1 actual/declared worker. The flavor is 'Free - 2 vCPUs 4GB RAM'. The right-hand 'Help' panel remains visible, showing the same login instructions.

Name	Zones	Status	Workers per zone	Actual / Declared workers	Flavor
default	Milan 01	Active	1	1 / 1	Free - 2 vCPUs 4GB RAM