

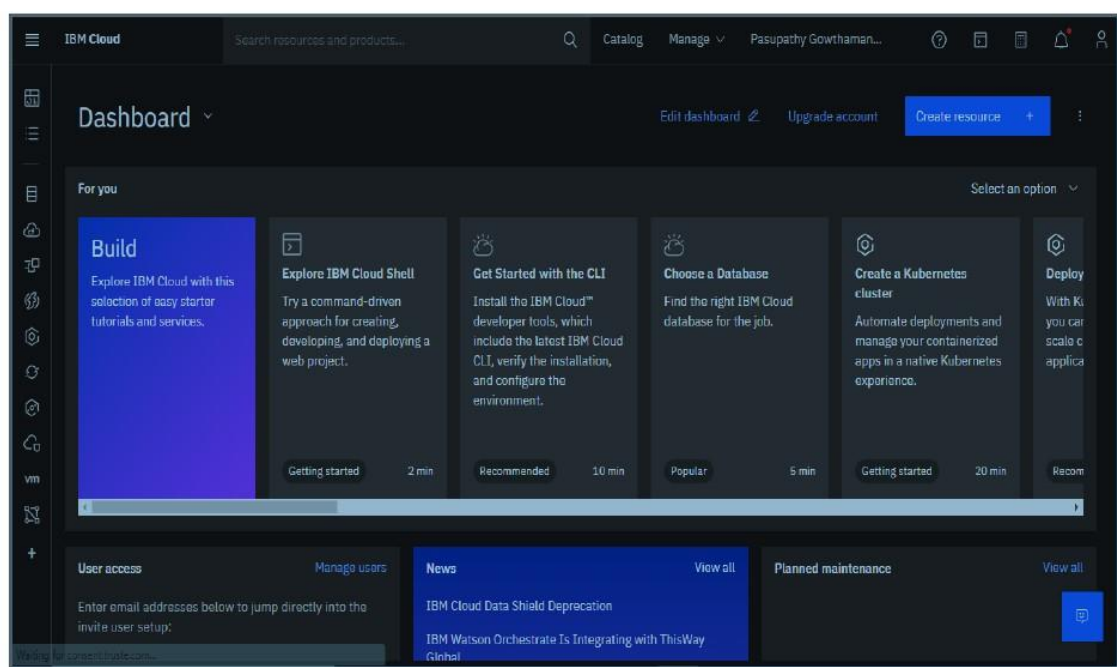
# Deploy In Kubernetes Cluster

Team ID	PNT2022TMID47055
Project Name	Skill And Job Recommender Application

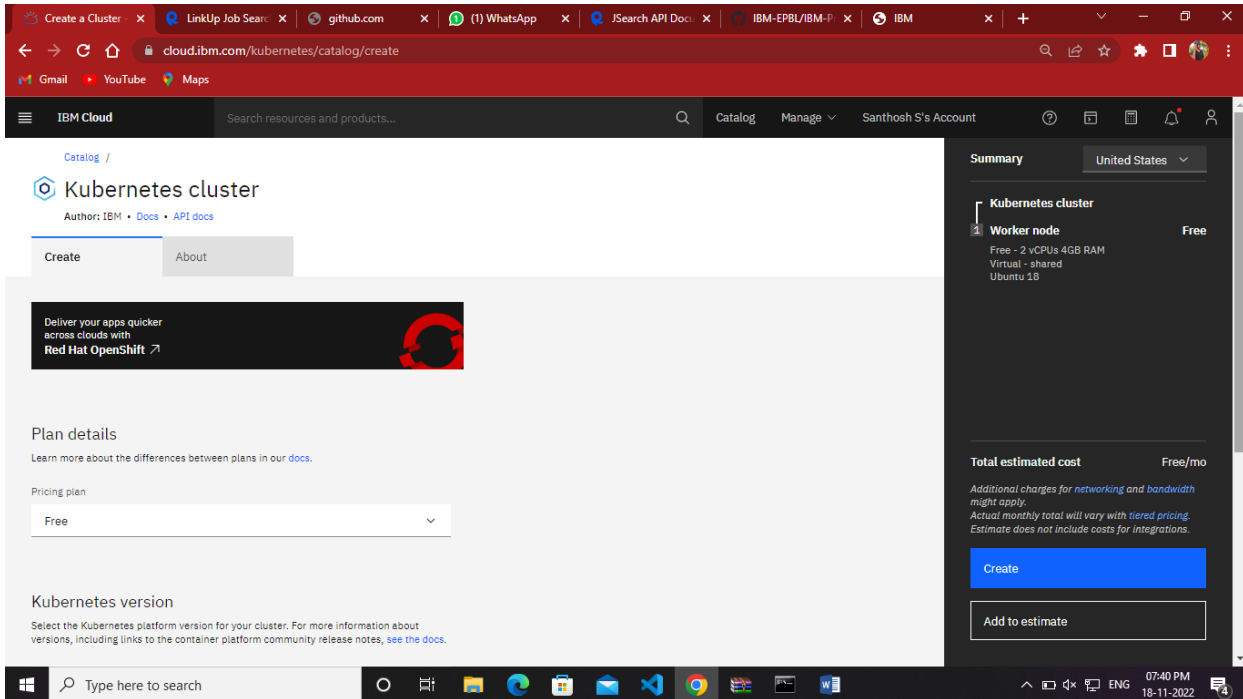
## Steps:

### Create a Kubernetes cluster

- Sign in to your [IBM Cloud Dashboard](#).



- Open IBM KubernetesService.
- Click CreateCluster.



- Select the Region where you want to deploy the cluster, type in a name for your cluster, then click CreateCluster.
- 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 console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Santhosh S). The main content area is titled 'Clusters / sandy' and shows the cluster's status as 'Preparing master, workers...' with a warning that it will expire in 30 days. The left sidebar contains links to Overview, Worker nodes, Worker pools, and DevOps. The main content area displays several status cards: Node status (1 of 1 Pending), Add-on status (0 of 0 Normal), Master status (Unknown), and Ingress status (Pending). Below these is a 'Details' section with fields for Cluster ID, Version, Infrastructure, Zones, Created time, Resource group, and Image security enforcement. A 'Node health' section is partially visible at the bottom.

- 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.

The screenshot shows the 'Worker nodes' page for the 'sandy' cluster. The left sidebar has 'Worker nodes' selected. The main content area displays a table of worker nodes. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. There is one node listed with ID '000000b8' and status 'Provision pending'. The table also includes a search bar, a filter dropdown, and pagination controls.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000b8	Provision pending	default	Milan 01			--> 1.24.7_1543

sandy - IBM CloudLinkUp Job Searchgithub.com(1) WhatsAppJSearch API DocIBM-EPBL/IBM-PIBMIBM

cloud.ibm.com/kubernetes/clusters/cdrp4qtf08duj0jqqa10/nodes

GmailYouTubeMaps

IBM CloudSearch resources and products...CatalogManageSanthosh S's Account

Clusters /sandyPreparing master, workers...Expires in 30 daysAdd tagsHelpKubernetes dashboardActions...

OverviewWorker nodesWorker poolsDevOps New

Pool: Filter...Search

☐

Name

Status

Worker pool

Zone

Private IP

Public IP

Version

☐

000000b8

Provision pending

default

Milan 01

--> 1.24.7\_1543

ID

kube-cdrp4qtf08duj0jqqa10-sandy-default-000000b8

Status

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Flavor

Free - 2 vCPUs 4GB RAM

Private VLAN

2218181

Public VLAN

2218179

Items per page: 25

1--1 of 1 item

11 of 1 page

Type here to search

07:41 PM18-11-2022