

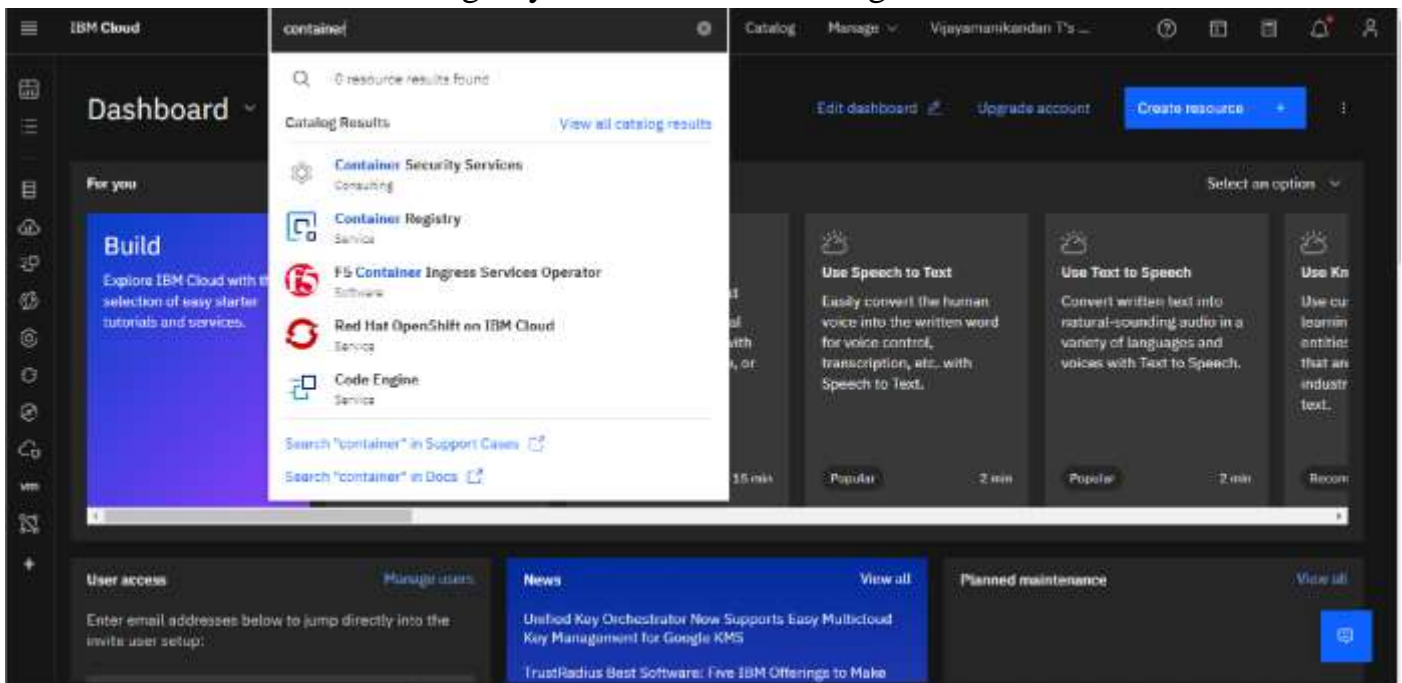
# Setting up Application Environment

## Install IBM Cloud CLI

<b>Team ID</b>	PNT2022TMID25046
<b>Project Name</b>	Skill / Job Recommender Application
<b>Date</b>	21 October 2022

**Step 1:** First login with **cloud.ibm.com**.

Next search with Container Registry in IBM search catalog



**Step 2:** Next click Get started button Next click Install the IBM Cloud CLI.

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Vijayamanikandan T's ...

Container Registry

Quick start

Namespaces 0

Repositories 0

Images 0

Trash 0

Settings

Quick start

Location

Global

Welcome!

Let's get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image.

Install, Set Up, and Log In

1. Install the IBM Cloud CLI.

2. Install the Docker CLI.

3. Install the Container Registry plug-in.

ibmcloud plugin install container-registry -s 'IBM Cloud'

4. Log in to your IBM Cloud account.

ibmcloud login -s https://cloud.ibm.com

If you have a federated ID, use ibmcloud login -s to log in to the IBM Cloud CLI.

**Step 3:** In cloud CLI there is list of commands insert the into our windows command prompt

```
Windows PowerShell
12476416 bytes downloaded
Installing binary...

Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\Imran\.bluemix\plugins\container-registry. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plug
in show container-registry' to show its details.
PS C:\Users\Imran> ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
36.86 MiB / 36.86 MiB [=====] 100.00% 49s
28168192 bytes downloaded
Installing binary...

Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\Imran\.bluemix\plugins\container-service. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plug
in show container-service' to show its details.
PS C:\Users\Imran> ibmcloud login
API endpoint: https://cloud.ibm.com

Email> 211919104006@oxartintarnz.com

Password>
Authenticating...

Targeted account Muhammad Imran Najjar's Account (c0b6a3f9aa704fca97946daa34e1ad15)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number>
```

```
Windows PowerShell
Not Installed logging 0.0.8, 0.0.7, 0.0.6... Manage IBM Cloud logging
Not Installed cloudant[cl] 0.0.6, 0.0.5, 0.0.4... Manage Cloudant service
Not Installed hpcs-cert-mgr[hpcs-cert-mgr] 1.0.0 Manage the client certificates for IBM Cloud Hyper Protect Crypto Services
Not Installed atracker[as] 0.1.17, 0.1.12, 0.1.11... Manage IBM Cloud Activity Tracker
Not Installed analytics-engine-v3[ae-v3] 1.0.0, 1.0.9, 1.0.5... Manage serverless Spark instances and run applications
Not Installed cra[cra] 1.0.4, 1.0.3, 1.0.2... Integrate with Code Risk Analyzer
Not Installed event-notifications[en/event-notifications] 0.1.1, 0.1.1, 0.1.0... IBM Cloud Event Notifications
Not Installed dxeas[watson-query] 1.0.2 Manage data virtualization as a service
Not Installed honet 1.0.1, 1.0.1 Manage Hyper Protect Secure Network
Not Installed qiskit-runtime[qr] 0.1.5 [Beta] Manage Qiskit Runtime
Not Installed hpcs 0.0.1 Manage Hyper Protect Crypto Services Instances
Not Installed cbr 1.1.0, 1.0.0 Manage Context Based Restrictions
Not Installed privileged-access-gateway[pag] 1.2.2, 1.2.1 [Experimental] Manage Privilege Access Gateway

Use C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin update PLUGIN_NAME -r REPO_NAME to update a plugin from a repo.
Use C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin update --all -r REPO_NAME to upgrade all available plugins from a repo.

PS C:\Users\liran> ibmcloud plugin install code-engine
Looking up 'code-engine' from repository 'IBM Cloud'...
Plug-in 'code-engine 1.40.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
  51.43 MiB / 51.43 MiB [=====] 100.00% 1m0s
53929472 bytes downloaded
Installing binary...
Plug-in 'code-engine 1.40.0' was successfully installed into C:\Users\liran\.bluemix\plugins\code-engine. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show code-engine' to show its details.
PS C:\Users\liran> ibmcloud plugin install code-engine
Looking up 'code-engine' from repository 'IBM Cloud'...
Plug-in 'code-engine 1.40.0' found in repository 'IBM Cloud'
Plug-in 'code-engine[ce] 1.40.0' was already installed. Do you want to update it with 'code-engine 1.40.0' or not? [y/N] > y
Attempting to download the binary file...
  51.43 MiB / 51.43 MiB [=====] 100.00% 1m0s
53929472 bytes downloaded
Installing binary...
Plug-in 'code-engine 1.40.0' was successfully installed into C:\Users\liran\.bluemix\plugins\code-engine. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show code-engine' to show its details.
PS C:\Users\liran> ibmcloud plugin install ./code-engine-darwin-amd64-1.23.2
Looking up './code-engine-darwin-amd64-1.23.2' from repository 'IBM Cloud'...
```