

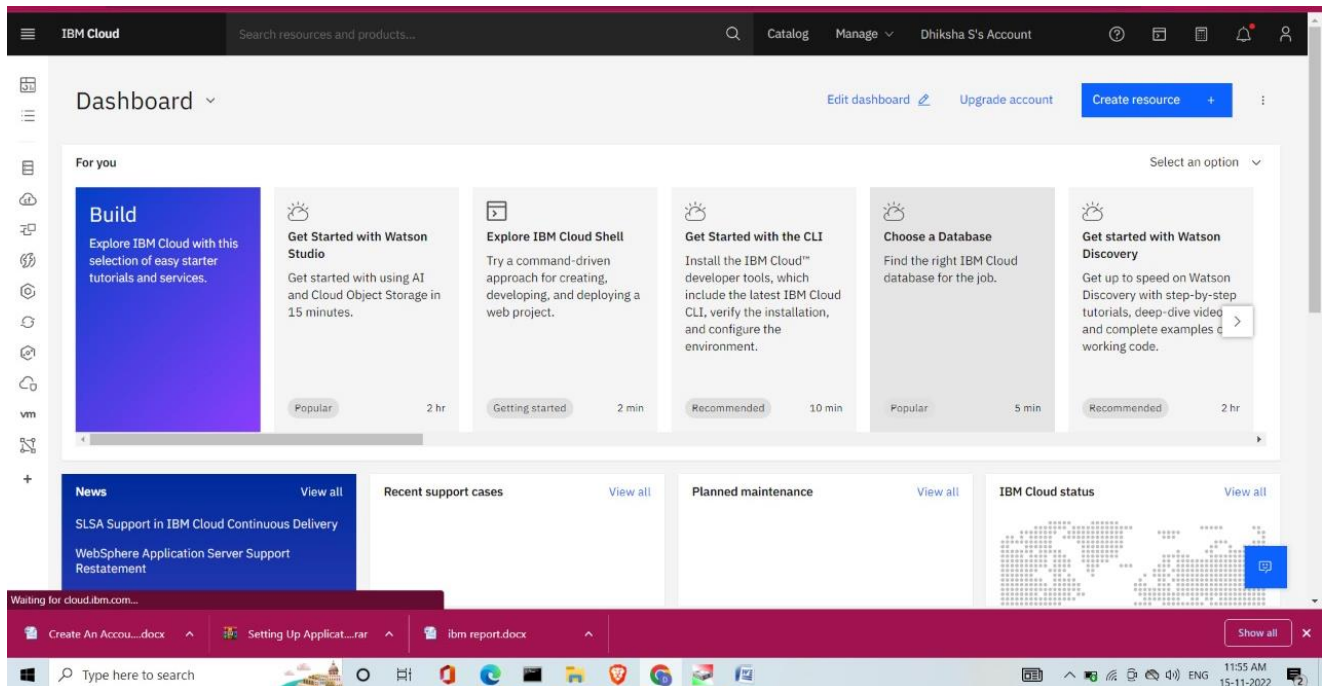
# Setting up ApplicationEnvironment

## IBM Cloud CLI Installation

Team ID	PNT2022TMID02696
Project Name	Skills/Job Recommender Application

### STEP 1:

Login to IBM Cloud account.



## STEP 2:

Search for Container Registry in search bar and go to container registry service.

The screenshot shows the IBM Cloud Container Registry service page. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account. Below the navigation bar, the page title "Container Registry" is displayed, along with "Author: IBM" and links for Docs and API docs. There are two buttons: "Estimate costs" and "Get started". The main content area is divided into sections: "Summary", "Features", and "Pricing plans".

**Summary**

Manage Docker container images in a fully managed private registry. Push private images into this registry to run them in IBM Cloud Kubernetes Service and other runtime environments. Images are checked for security issues, so that you can make informed decisions about your deployments.

**Features**

**Highly available and scalable private registry**  
Set up your own image namespace in a multi-tenant, highly available, scalable private registry that is hosted and managed by IBM. Securely store your private Docker images and share them with users in your IBM Cloud account.

**Image security compliance with Vulnerability Advisor**  
Benefit from the automatic scanning of images in your namespaces. Review suggestions, which are specific to your operating system, to fix potential vulnerabilities and protect your containers from being compromised.

**Quota limits for storage and pull traffic**  
Benefit from free storage and pull traffic to your private images until you reach the limit for your free quota. Set custom quota limits for the amount of storage and pull traffic per month so that you avoid exceeding your preferred payment level.

**Pricing plans**

Plan	Features	Pricing
Lite	Free Plan with limited resources <small>Storage (Gigabyte-Months) ... 0.5 GB for each month</small>	Free

## STEP 3:

Download IBM Cloud CLI Setup from Container Registry Page.

The screenshot shows the "Quick start" page of the IBM Cloud Container Registry. On the left, there's a sidebar with navigation links: "Quick start", "Namespaces", "Repositories", "Images", "Trash", and "Settings". The "Quick start" link is selected. The main content area is titled "Quick start" and includes a "Location" dropdown menu set to "Global". Below this, there's a "Welcome!" message and a section titled "Install, Set Up, and Log In" with three steps:

1. Install the IBM Cloud CLI.
2. Install the Docker CLI.
3. Install the Container Registry plug-in.

Below the steps, there are two code blocks with terminal commands:

```
ibmcloud plugin install container-registry -t 'IBM Cloud'
```

```
ibmcloud login -a https://cloud.ibm.com
```

Below the code blocks, there's a note: "If you have a federated ID, use ibmcloud login --sso to log in to the IBM Cloud CLI."

5. Ensure that you're targeting the correct IBM Cloud Container Registry region.

Below the note, there's another code block with a terminal command:

```
ibmcloud cr region-set global
```

6. Choose a name for your first namespace, and create that namespace. Use this namespace for the rest

## STEP 4:

Install IBM Cloud CLI Setup



## STEP 5:

Finally IBM Cloud CLI is installed on your PC/Laptop.

