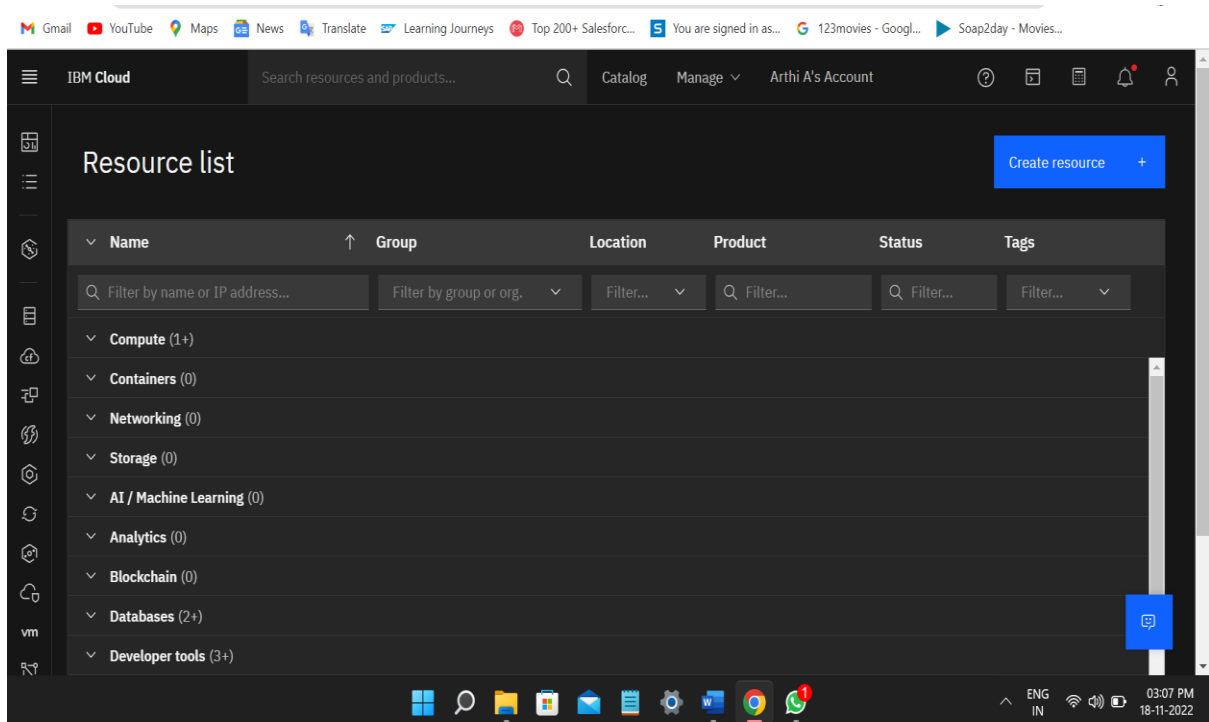


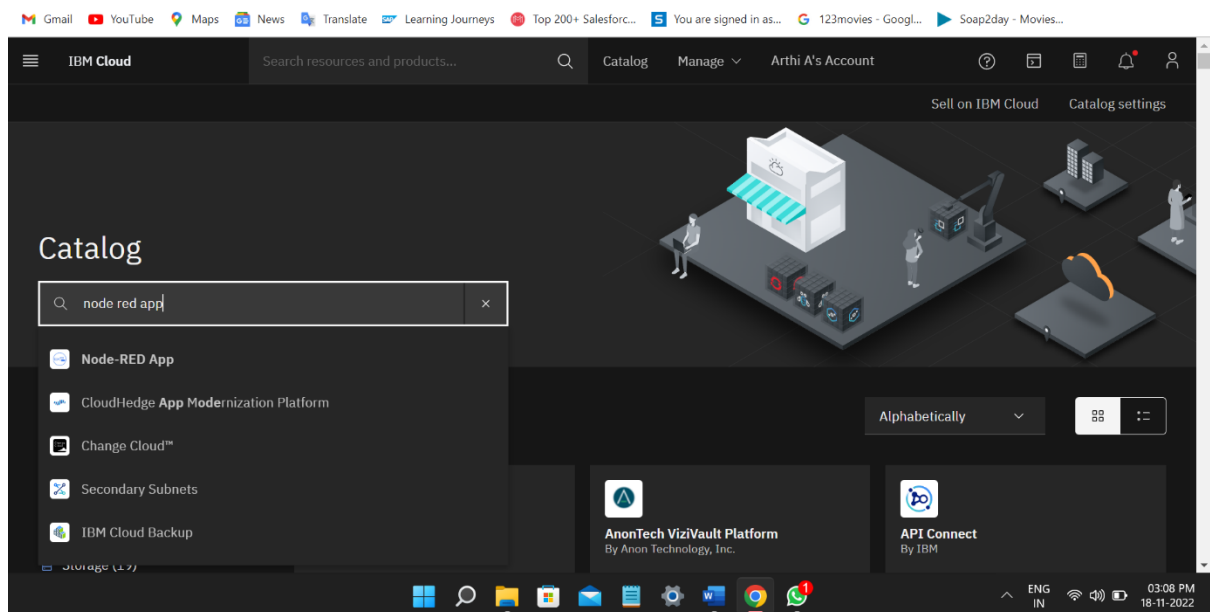
CREATE NODE-RED SERVICE

Team ID	PNT2022TMID11010
Project Name	Smart waste management system for metropolitan cities

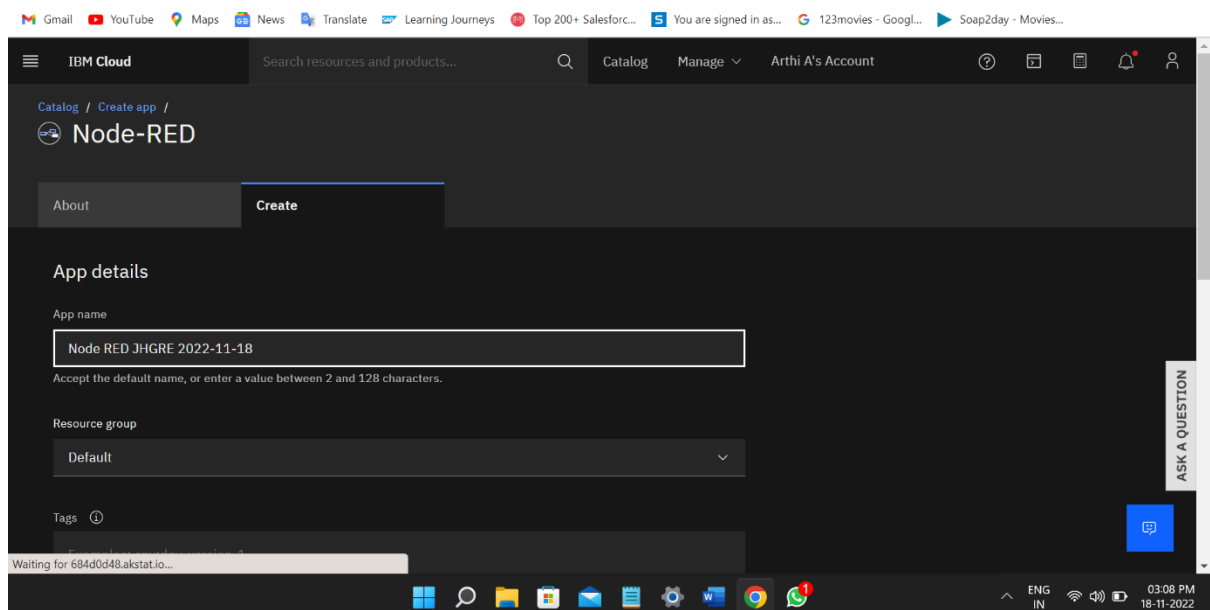
Step1: Click on Create Resource



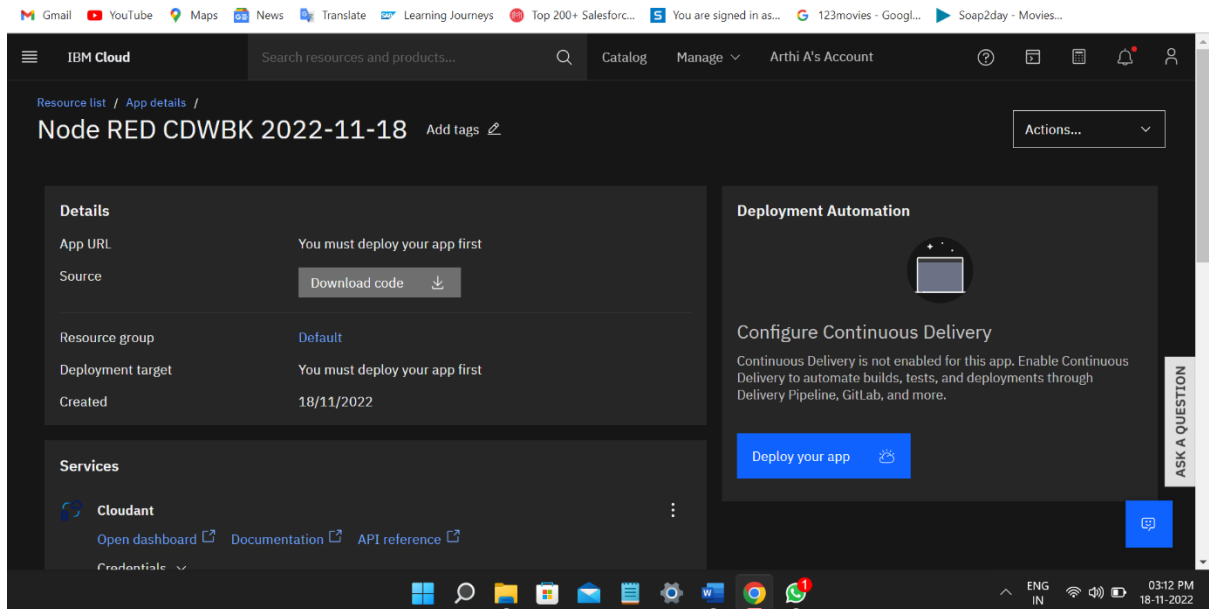
Step2:Search for Node-red App.



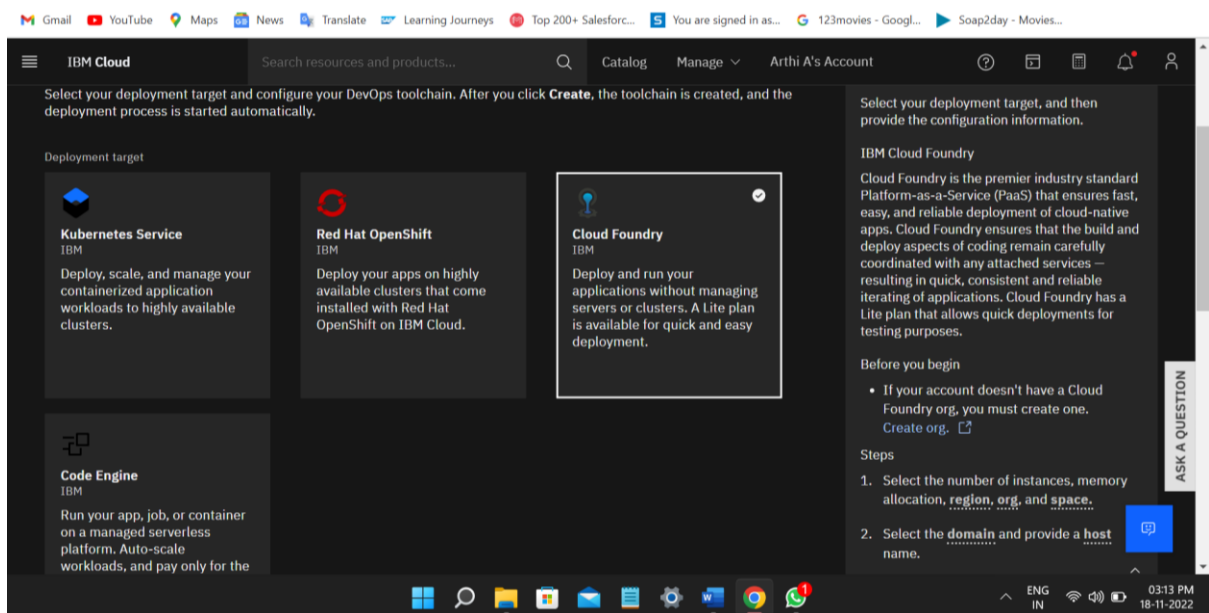
Step3: Create Node-RED App



Step4: Deploy Your App



Step5: Click on Cloud Foundry.



Step6:Fill the necessary Details

The screenshot shows the IBM Cloud console interface for creating a new instance. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and Arthi A's Account. The main content area is titled "Node RED CDWBK 2022-11-18" and contains the following configuration options:

- IBM Cloud API key:** A text field with a masked key and a "New" button.
- Number of instances:** A dropdown menu set to "1".
- Memory allocation per instance:** A slider ranging from 64 MB to 256 MB, currently set at 64 MB.
- Region:** A dropdown menu set to "Sydney".
- Organization:** A dropdown menu set to "arthdurai12".
- Space:** A dropdown menu set to "arthi@28".
- Host:** A text field containing "node-red-cdwbk-2022-11-18".
- Domain:** A dropdown menu set to "au-syd.mybluemix.net".

At the bottom, there are "Cancel" and "Next" buttons. A vertical "ASK A QUESTION" button is visible on the right side of the console.

Step7:Click on Create.

The screenshot shows the IBM Cloud console interface for creating a new instance. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and Arthi A's Account. The main content area is titled "Node RED CDWBK 2022-11-18" and contains the following configuration options:

- Resource list / App details /**
- Node RED CDWBK 2022-11-18**
- Select the deployment target** (selected) and **Configure the DevOps toolchain** (disabled).
- Configure the DevOps toolchain**
- Give your toolchain a name and select the region to create your toolchain in.**
- DevOps toolchain name:** A text field containing "NodeREDCDWBK2022-11-18".
- Region:** A dropdown menu set to "Sydney".
- Back** and **Create** buttons.

A sidebar on the right titled "Getting started with apps" provides instructions for configuring the DevOps toolchain. It includes a list of steps: 1. Provide a name for your toolchain. 2. Select the region where your toolchain is created. 3. Select the resource group that has access to your new toolchain. 4. After you're finished with your selection, click **Create**.

Step8: Node-Red is created.

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The left sidebar contains various service icons. The main content area displays a table of resources with columns for Name, Group, Location, Product, Status, and Tags. The resources are categorized into AI / Machine Learning, Analytics, Blockchain, Databases, Developer tools, Logging and monitoring, and Migration. Two Node-Red instances are listed under the Databases category, both with a status of 'Provisioned'.

Name	Group	Location	Product	Status	Tags
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2)					
node-red-rdktN-2022--cloudan...	Default	Sydney	Cloudant	Active	—
node-red-rdktN-2022--cloudan...	arthdurai12 / arthi@28	Sydney	Cloudant	Provisioned	—
Developer tools (3)					
Continuous Delivery	Default	Sydney	Continuous Delivery	Active	—
Node RED RDKTN 2022-11-17	Default	Global	Cloud Application	—	—
NodeREDRDKTN2022-11-17	Default	Sydney	Toolchain	—	—
Logging and monitoring (0)					
Migration (0)					