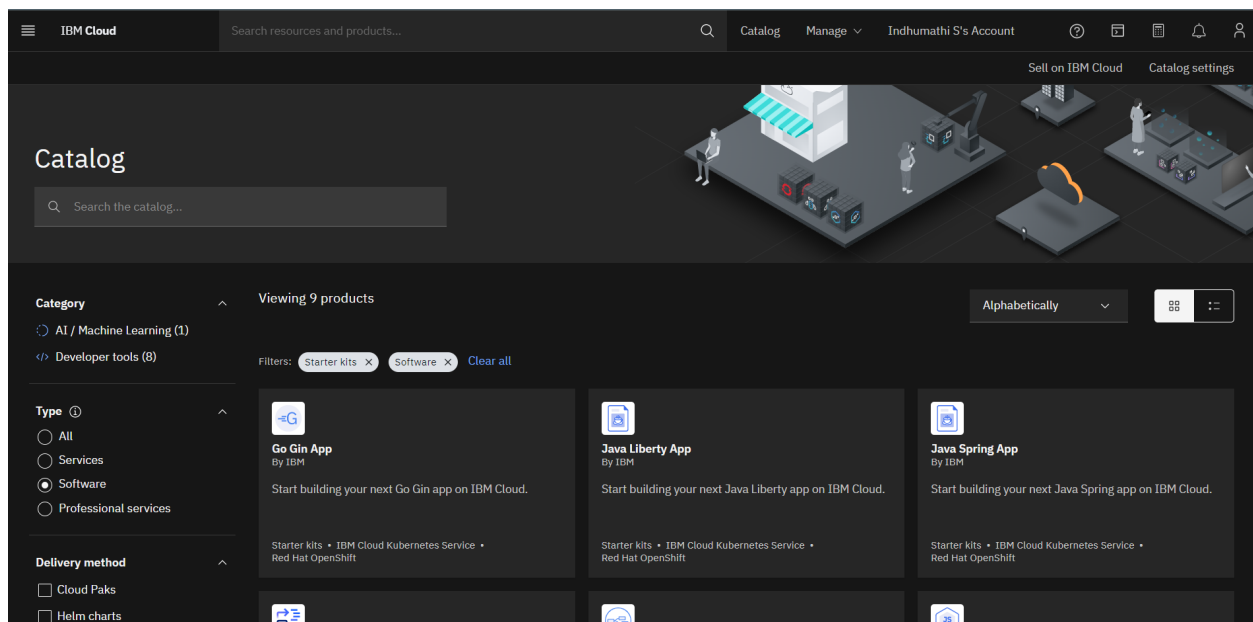


Create Node Red Service

Team ID	PNT2022TMID15698
Project Name	Smart Waste Management System

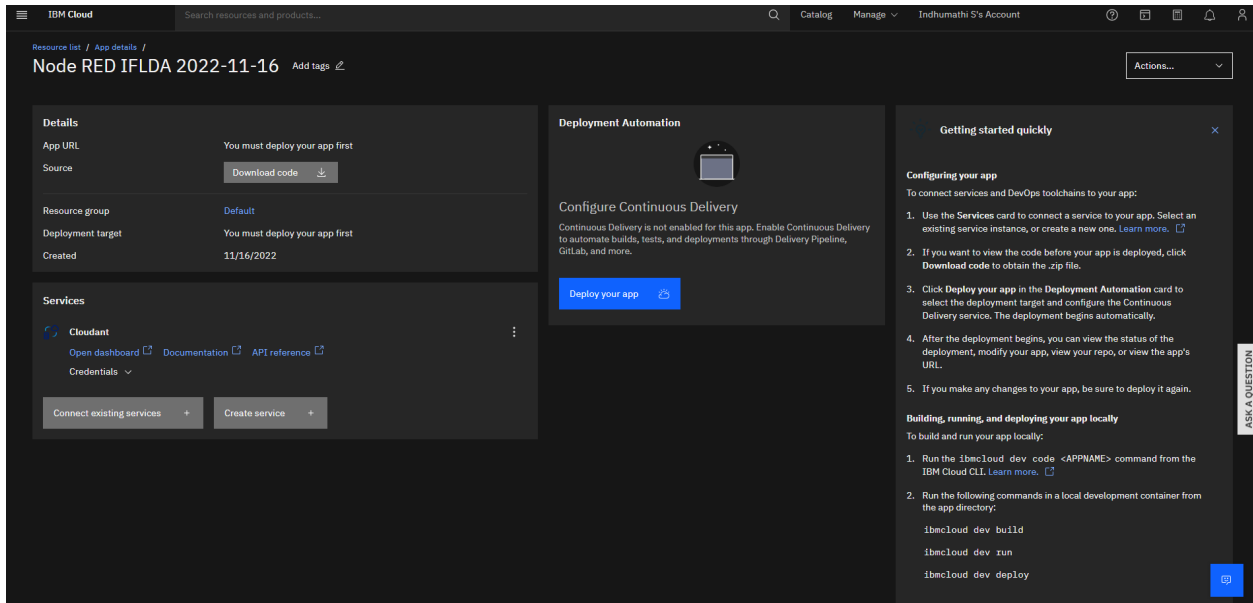
Step 1: Login into IBM CLOUD account.

Step 2: In catalog, search for node red application.



Step 3: Enter the project details and click on create.

Step 4: Click on deploy option and it will further deploy the application.



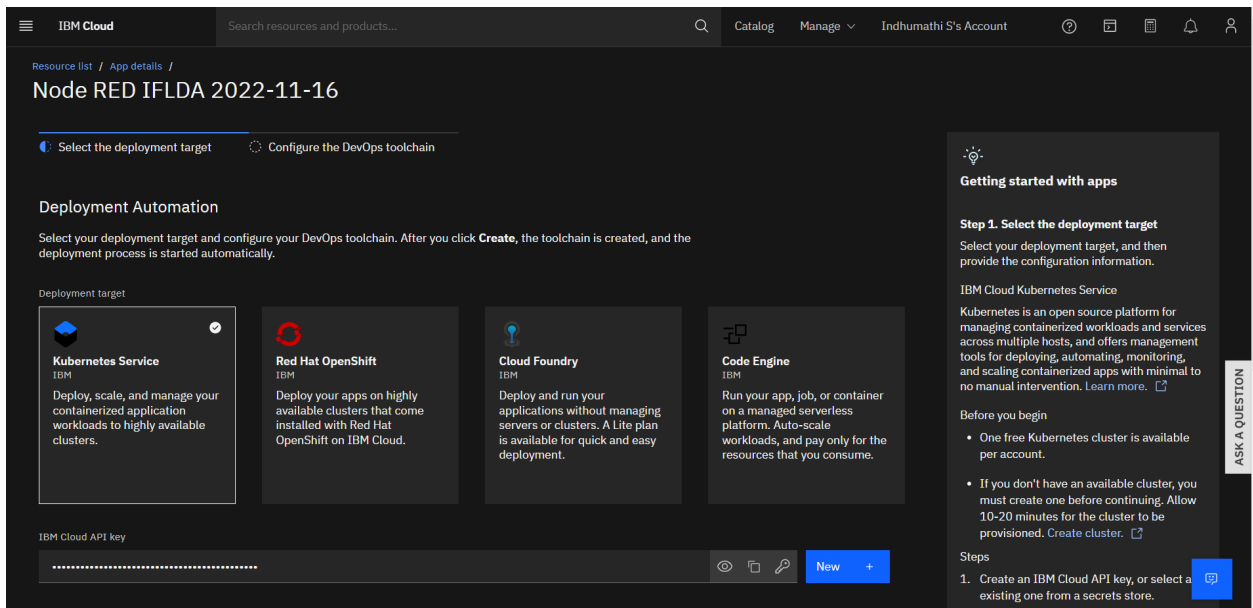
The screenshot shows the IBM Cloud console for an application named "Node RED IFLDA 2022-11-16". The interface is divided into several sections:

- Details:** Shows the App URL, Source (with a "Download code" button), Resource group (Default), Deployment target (You must deploy your app first), and Created date (11/16/2022).
- Services:** Includes a "Cloudant" service with links to "Open dashboard", "Documentation", and "API reference". There are also buttons for "Connect existing services" and "Create service".
- Deployment Automation:** This section is highlighted. It contains a "Configure Continuous Delivery" card with a "Deploy your app" button.
- Getting started quickly:** A sidebar on the right with a close button. It includes a "Configuring your app" section with five steps and a "Building, running, and deploying your app locally" section with two steps and terminal commands.

Terminal commands shown in the sidebar:

```
ibmcloud dev build
ibmcloud dev run
ibmcloud dev deploy
```

Step 5: Set up the environment for deploying and click on create



The screenshot shows the IBM Cloud console for the same application. The "Deployment Automation" section is now the primary focus, with a "Select the deployment target" step highlighted. Below this, four deployment targets are listed:

- Kubernetes Service:** Deploy, scale, and manage your containerized application workloads to highly available clusters.
- Red Hat OpenShift:** Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.
- Cloud Foundry:** Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.
- Code Engine:** Run your app, job, or container on a managed serverless platform. Auto-scale workloads, and pay only for the resources that you consume.

Below the deployment targets is an "IBM Cloud API key" section with a "New" button. On the right, the "Getting started with apps" sidebar is updated with "Step 1. Select the deployment target" and instructions for creating a Kubernetes cluster.

Instructions for creating a Kubernetes cluster:

- Before you begin: One free Kubernetes cluster is available per account.
- Steps: 1. Create an IBM Cloud API key, or select an existing one from a secrets store.