

Create Node-RED Service

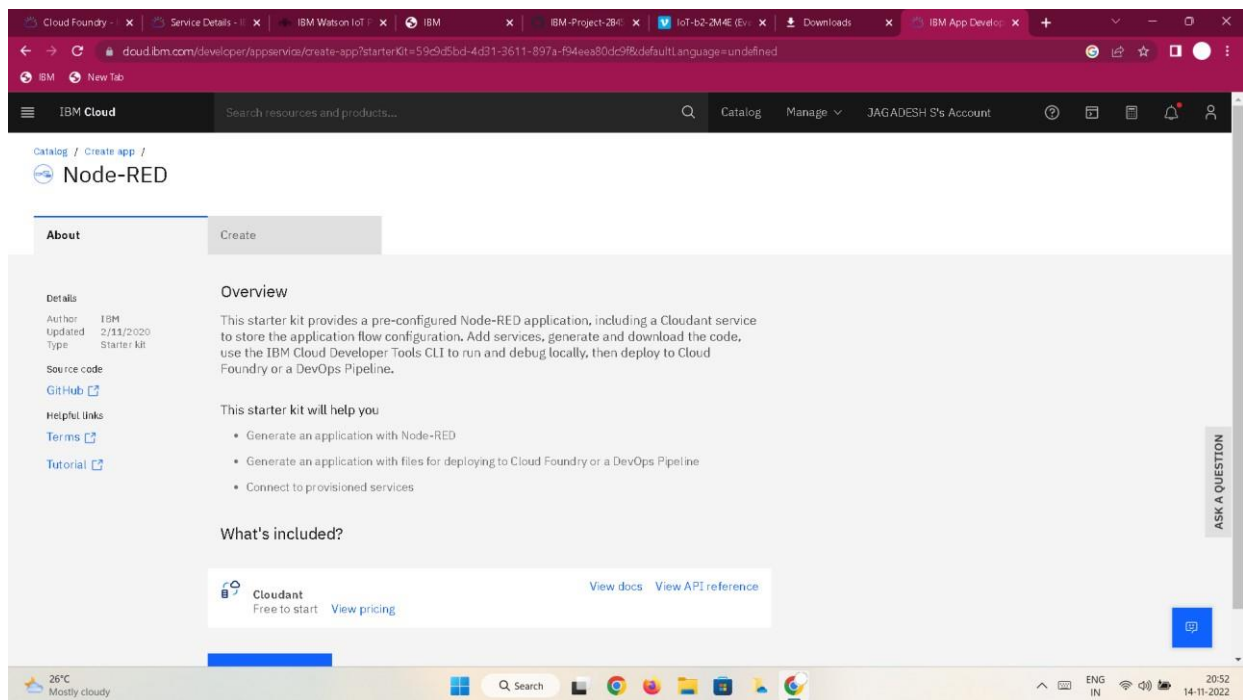
Team ID	PNT2022TMID26635
Project Name	IoT Based Smart Crop Protection System for Agriculture

Aim:

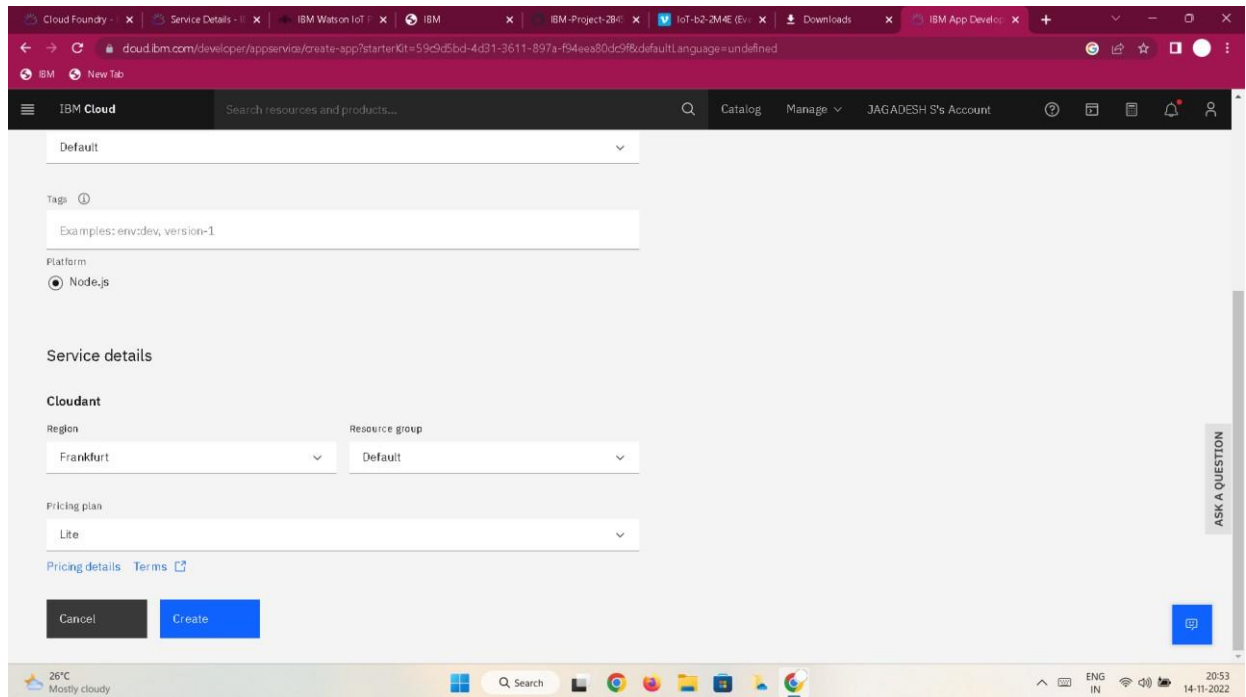
To create a web application, create a Node-RED service.

Steps to be followed

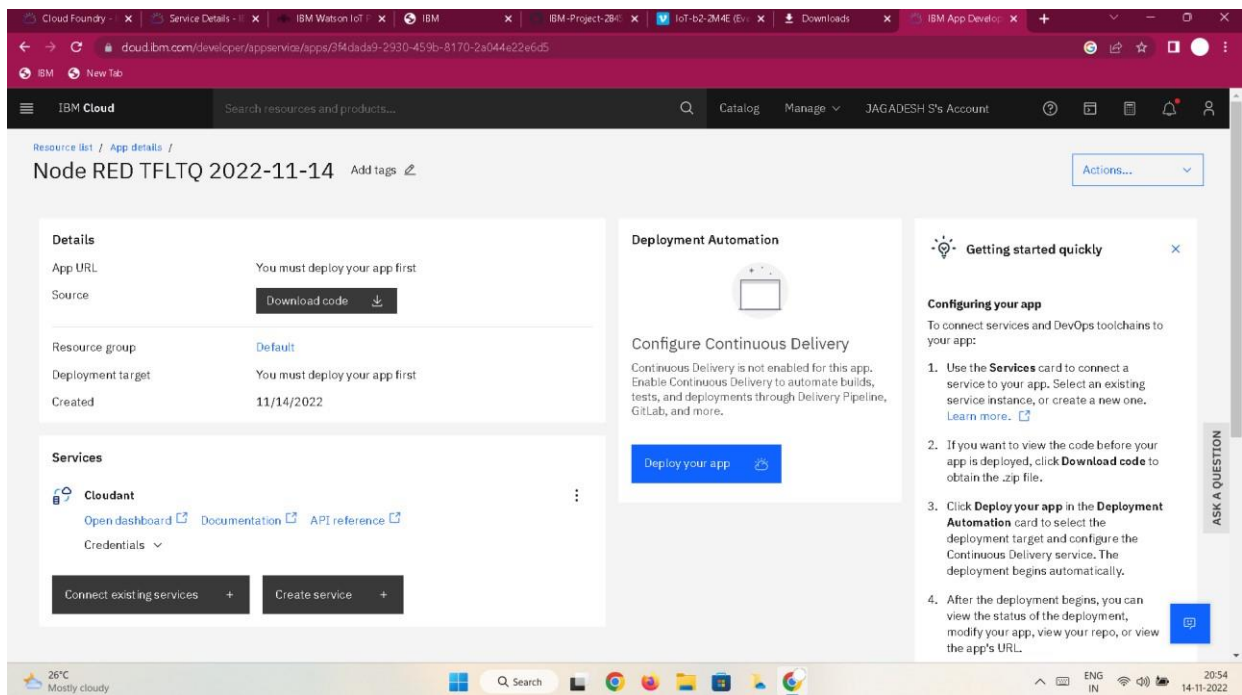
Step 1: Navigated to the App creation page.



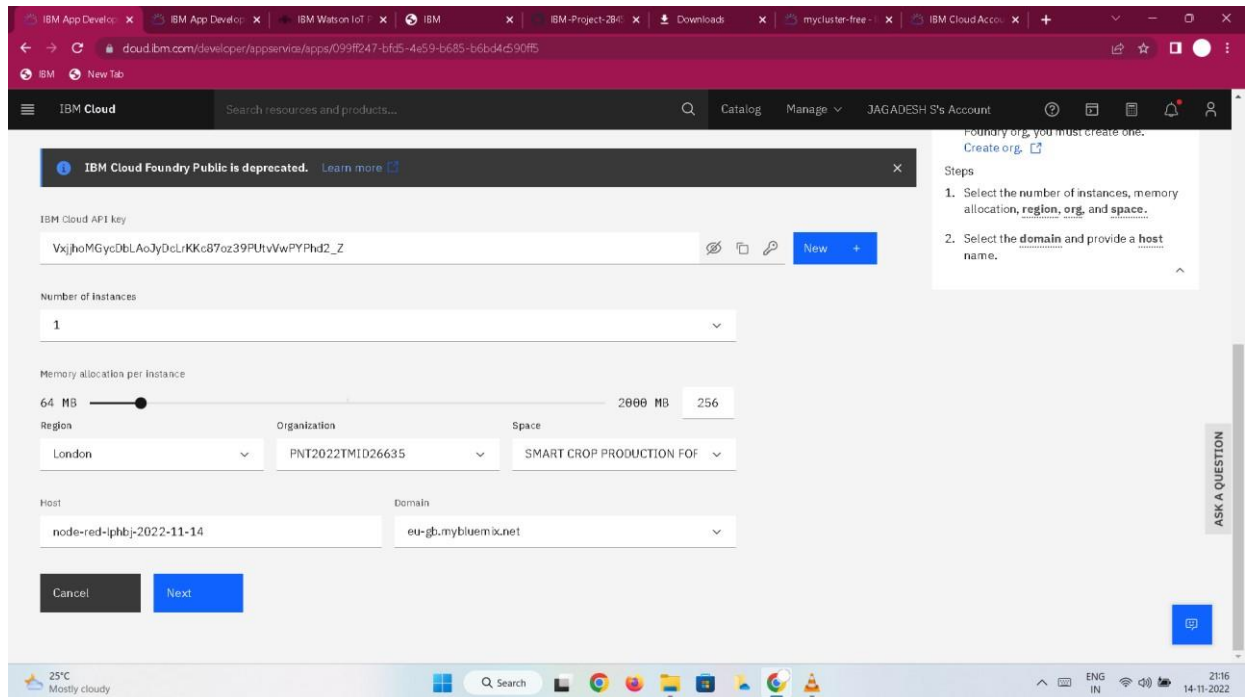
Step 2: Entered project details and clicked on create.



Step 3: Clicking on the “Deploy your App” Button.

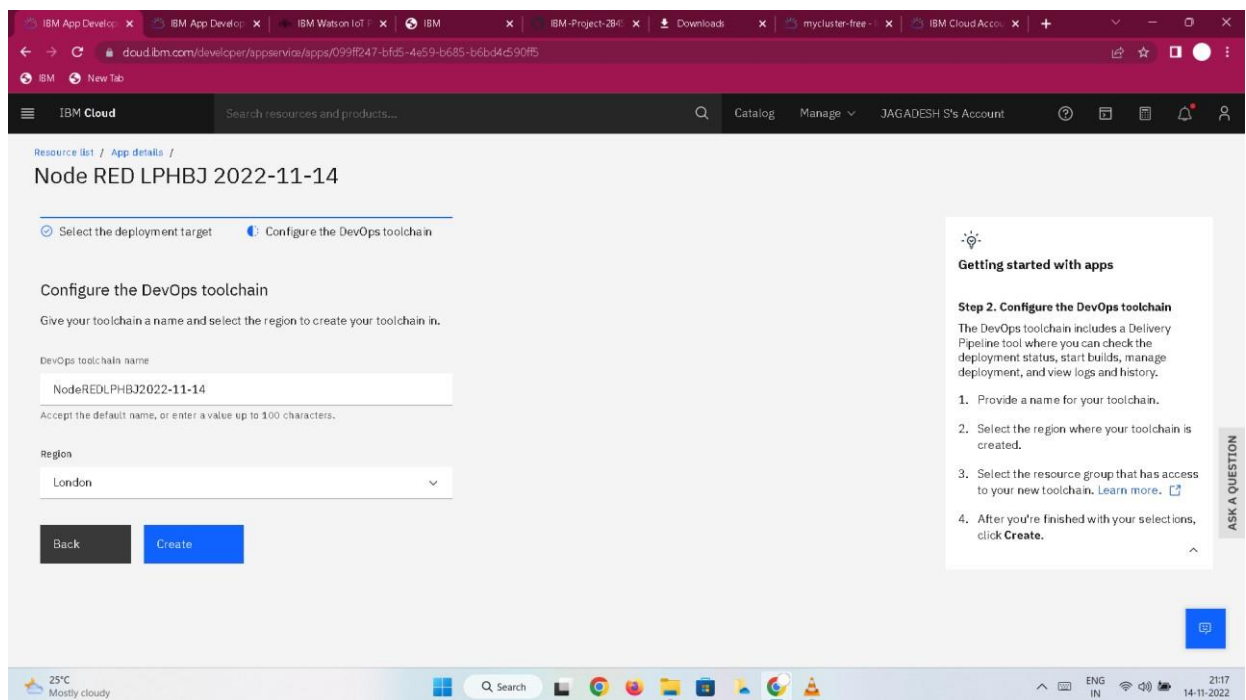


Step 4: Setting up the environment and deploying the app.



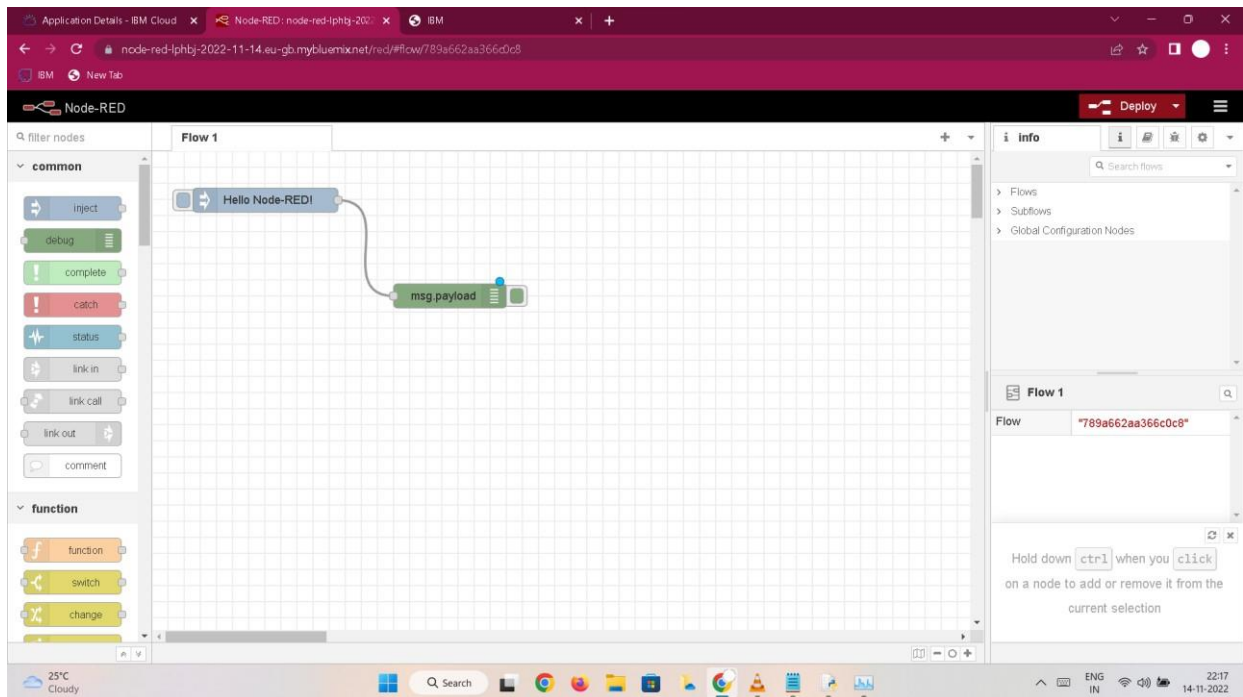
The screenshot shows the IBM Cloud Foundry console. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below it, a banner indicates 'IBM Cloud Foundry Public is deprecated'. The main content area is titled 'IBM Cloud API key' and shows a key 'VxjJhoMGycDbLAoJyDcLrKKc87oz39PUtVwPYPhd2_Z'. Below this, there are configuration options for a new application: 'Number of instances' (set to 1), 'Memory allocation per instance' (set to 256 MB), 'Region' (set to London), 'Organization' (set to PNT2022TMD26635), 'Space' (set to SMART CROP PRODUCTION FOF), 'Host' (set to node-red-lphbj-2022-11-14), and 'Domain' (set to eu-gb.mybluemix.net). A 'New' button is visible. On the right, a sidebar titled 'Getting started with apps' provides steps for creating an org and selecting instances, memory, region, org, and space.

Step 5: Successfully deployed the app.

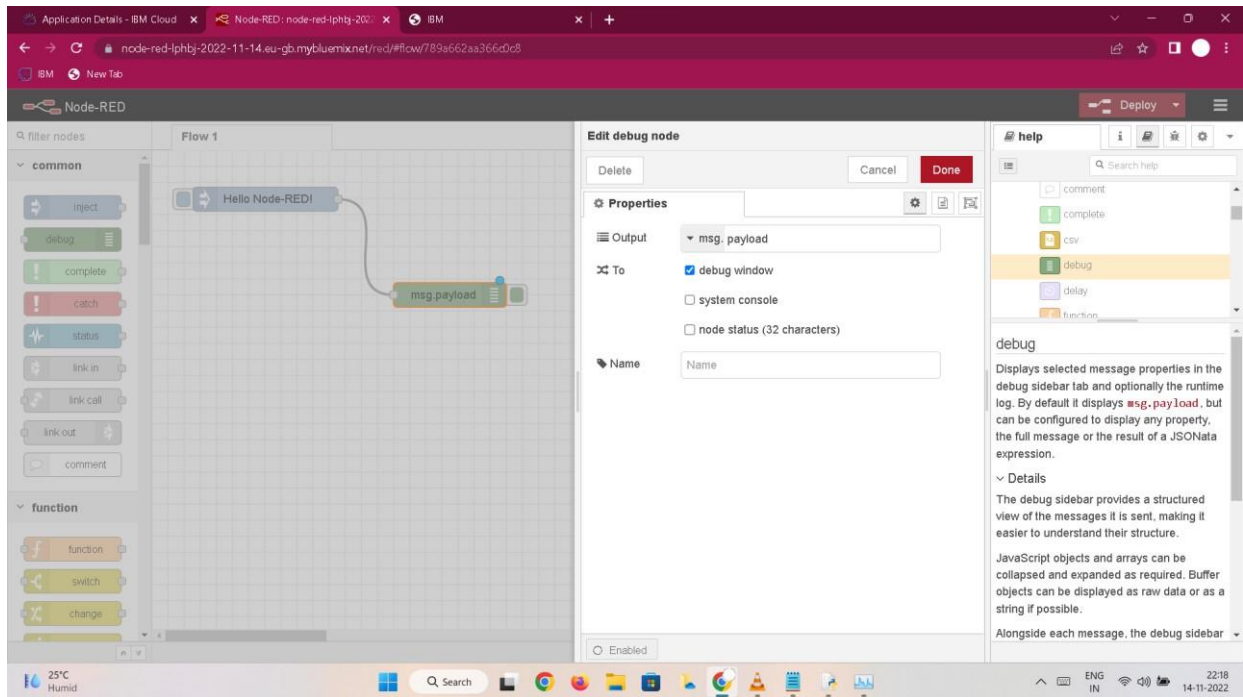


The screenshot shows the IBM Cloud Foundry console with the 'Node RED LPHBJ 2022-11-14' application selected. The 'Configure the DevOps toolchain' step is active. It prompts the user to 'Give your toolchain a name and select the region to create your toolchain in.' The 'DevOps toolchain name' is set to 'NodeREDLPHBJ2022-11-14' and the 'Region' is set to 'London'. A 'Create' button is visible. On the right, a sidebar titled 'Getting started with apps' provides steps for configuring the DevOps toolchain, including providing a name, selecting the region, and selecting the resource group.

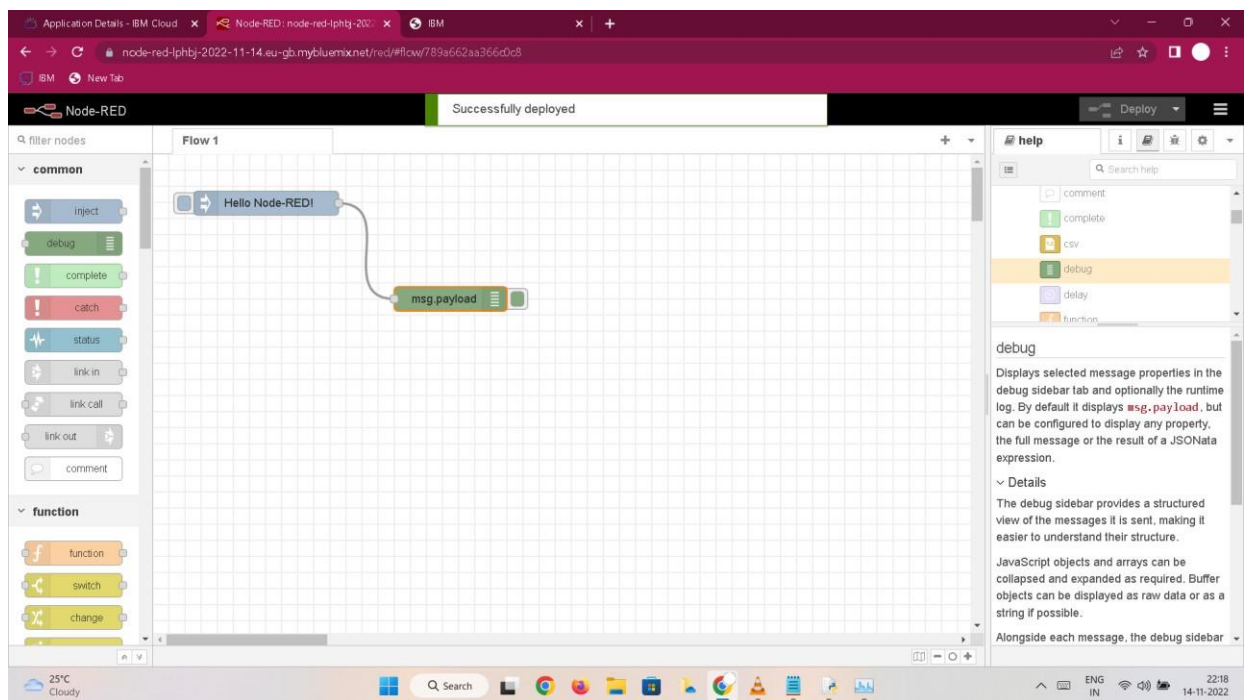
Step 6: Dragged and dropped components into the editor.



Step 7: Editing some values of the properties.



Step 8: Successfully deployed the app.



Result:

Successfully created a Node RED service on IBM Cloud.