

CREATION OF NODE-RED SERVICE

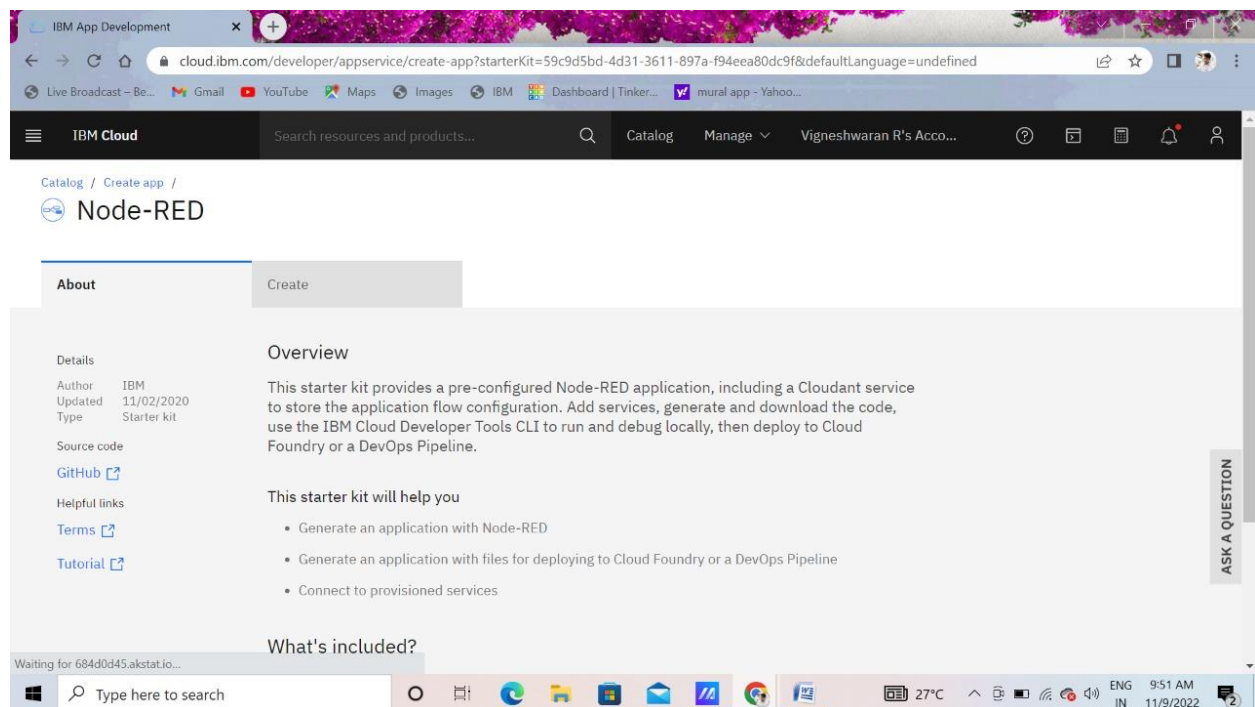
Date	3 November 2022
Team ID	PNT2022TMID48300
Project Name	Gas Leakage Monitoring And Alerting System For Industries.

AIM:

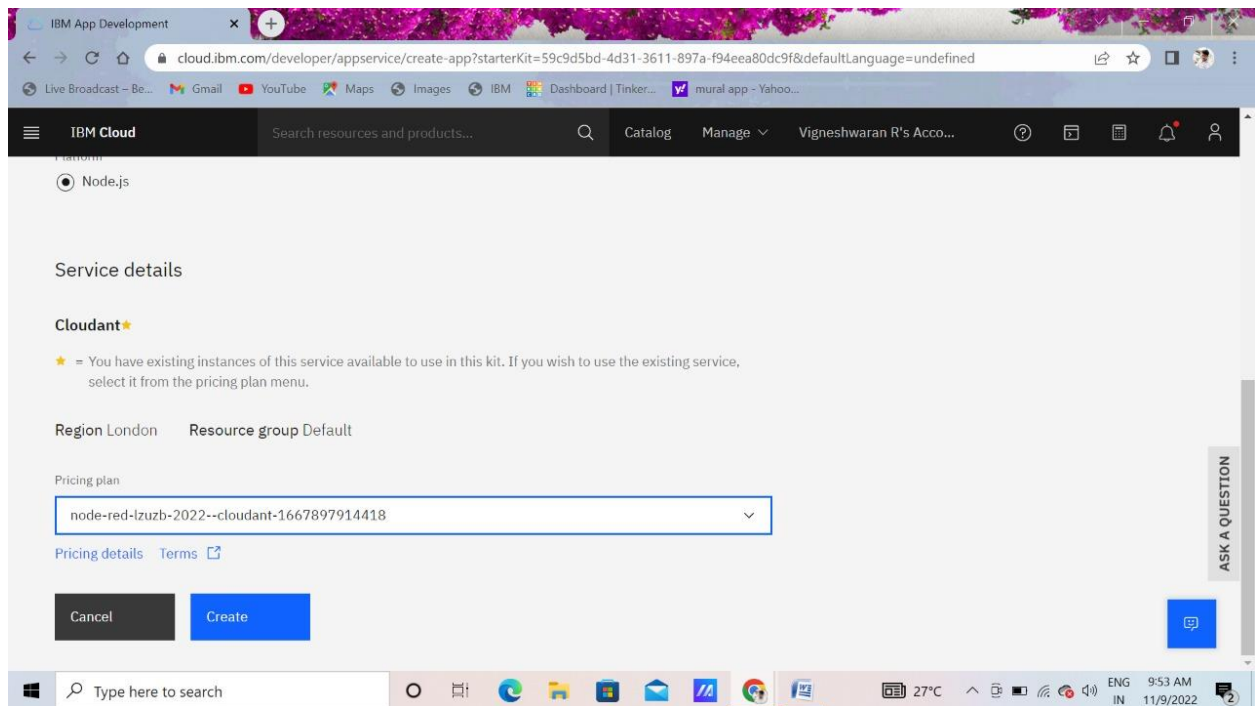
To create a web application, create a Node-RED service.

STEPS TO BE FOLLOWED:

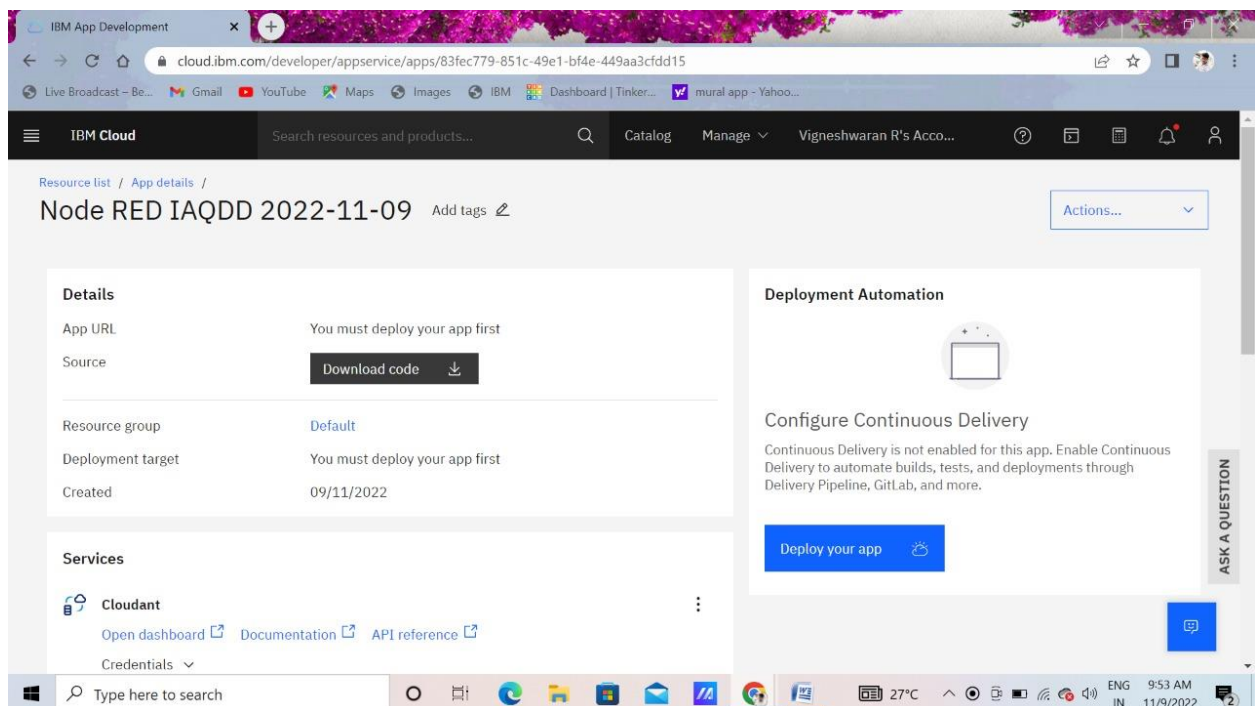
STEP 1: Navigated to the App creation page.



STEP 2: Enter the project details and click on create.



STEP 3: Click on the “Deploy your app” button.



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

The screenshot shows the IBM Cloud Developer console interface for configuring a new application. The browser address bar displays the URL: `cloud.ibm.com/developer/appservice/apps/83fec779-851c-49e1-bf4e-449aa3cfd15`. The page title is "IBM App Development". The main content area is titled "IBM Cloud API key" and shows a masked key with a "New +" button. Below this, the "Number of instances" is set to 1. The "Memory allocation per instance" is shown as a slider from 64 MB to 2000 MB, with a value of 256 MB selected. The "Region" is set to "London", the "Organization" is "Vigneshwaran R", and the "Space" is "dev". The "Host" field is "node-red-iaqdd-2022-11-09" and the "Domain" is "eu-gb.mybluemix.net". A red box highlights the "Host" field with a red error icon and the text "Validating host name...". At the bottom, there are "Cancel" and "Next" buttons. The Windows taskbar at the bottom shows the time as 9:54 AM on 11/9/2022.

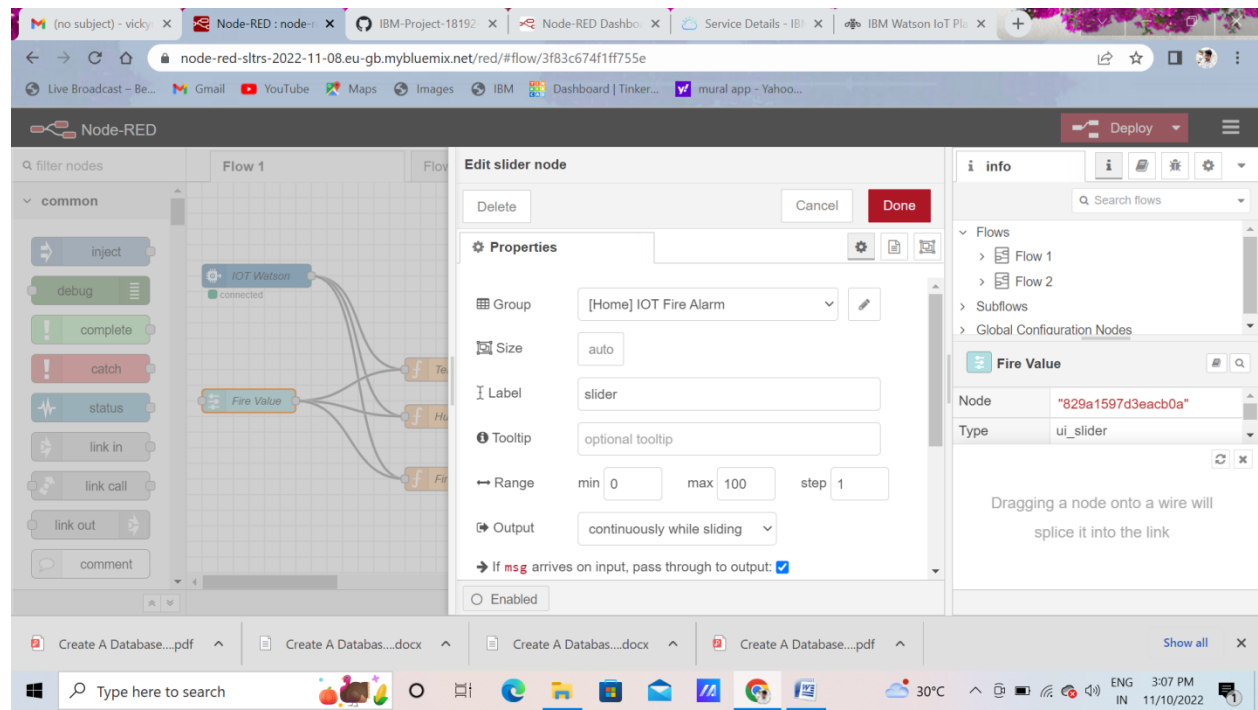
STEP 5: Successfully deployed the app.

The screenshot shows the IBM Cloud Developer console interface for the details of a deployed application. The browser address bar displays the URL: `cloud.ibm.com/developer/appservice/apps/83fec779-851c-49e1-bf4e-449aa3cfd15`. The page title is "IBM App Development". The main content area is titled "Node RED IAQDD 2022-11-09" and shows the "Details" section with the following information:

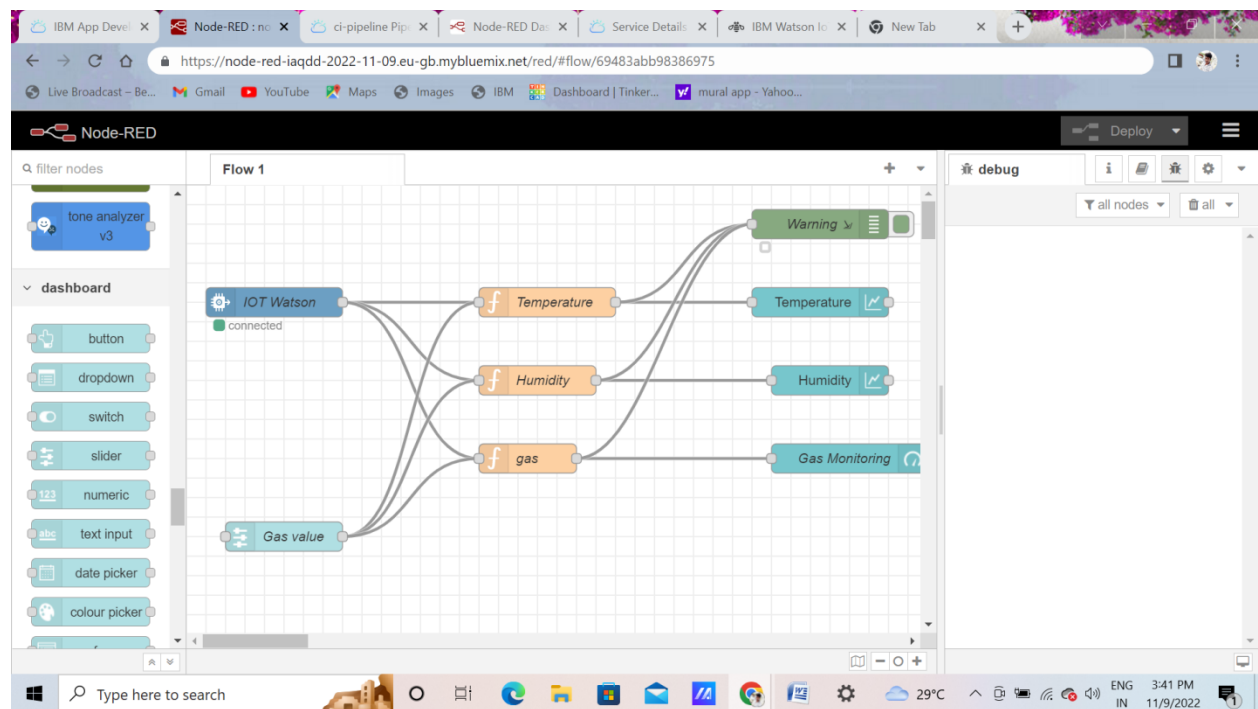
Details	
App URL	You must deploy your app first
Source	https://eu-gb.git.cloud.ibm.com/913019104028/NodeREDIAQDD2022-11-09
Resource group	Default
Deployment target	You must deploy your app first
Created	09/11/2022

The "Services" section shows the "Cloudant" service with links to "Open dashboard", "Documentation", and "API reference". The "Deployment Automation" section shows the "Name" as "NodeREDIAQDD2022-11-09" and the "Location" as "London". The "Tool integrations" section shows icons for GitHub, Docker, and Jenkins. The "Delivery Pipelines" section shows two pipelines: "pr-pipeline" and "ci-pipeline", both with a status of "No stages detected". The Windows taskbar at the bottom shows the time as 9:55 AM on 11/9/2022.

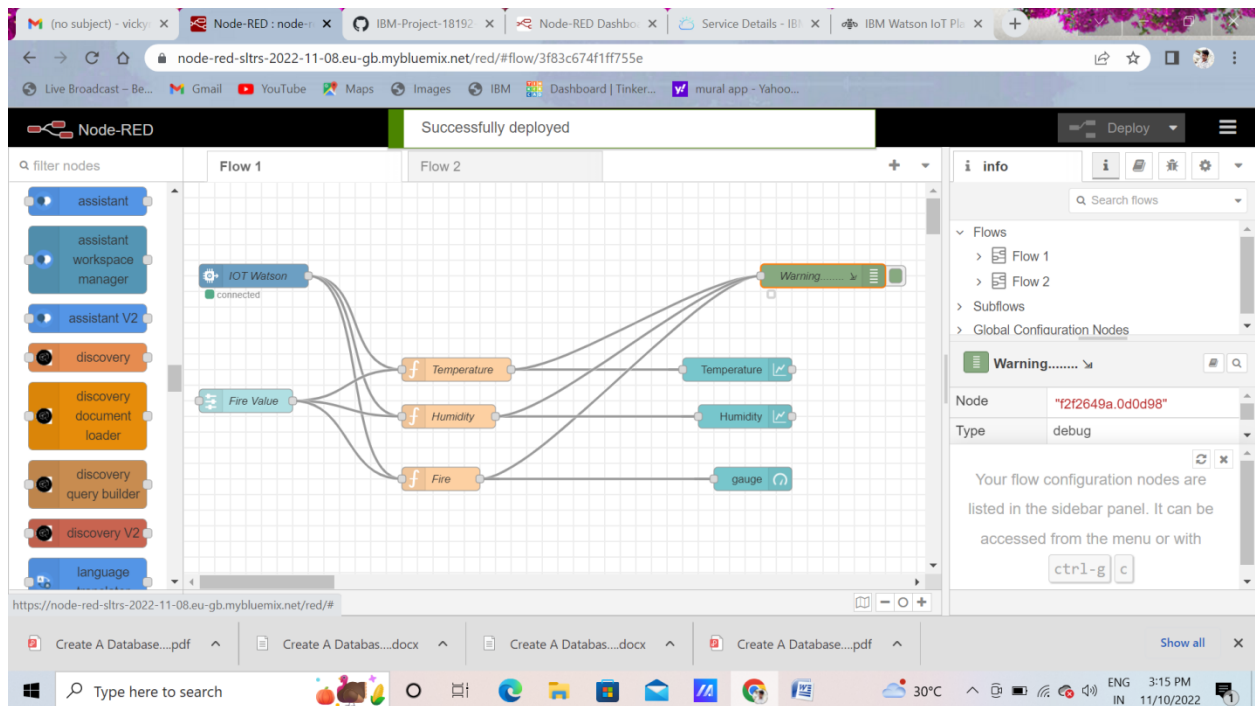
STEP 6: Dragged and dropped components into the editor.



STEP 7: Editing some values of the properties.



STEP 8: Successfully deployed the app.



RESULT: Successfully created a Node-RED service on IBM Cloud.