

## CREATION OF NODE-RED SERVICE

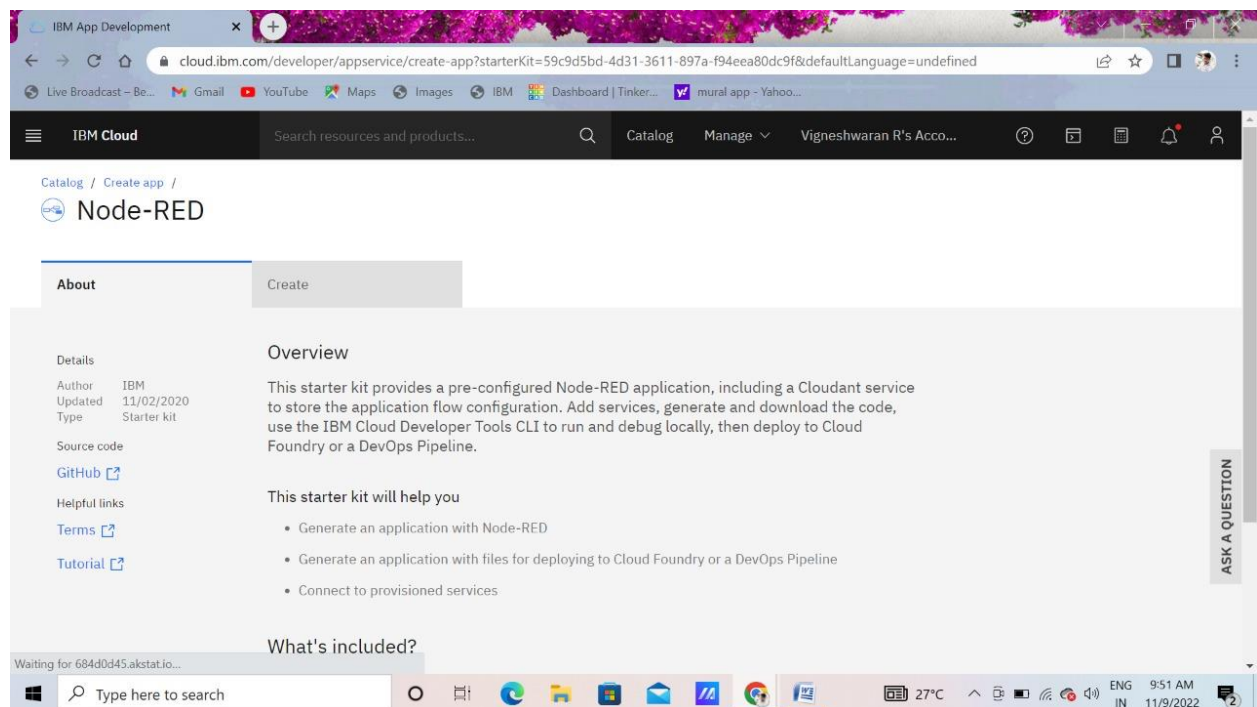
Date	3 November 2022
Team ID	PNT2022TMID11782
Project Name	Gas Leakage Monitoring And Alerting System For Industries.

### AIM:

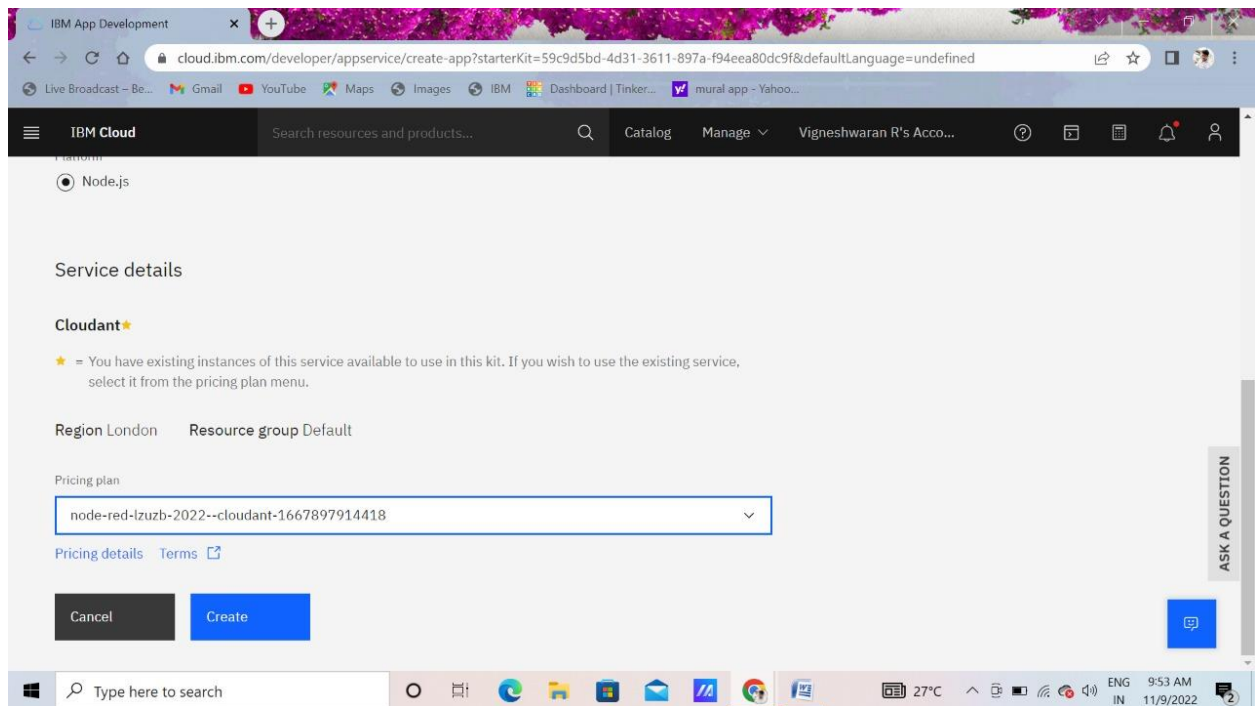
To create a web application, create a Node-RED service.

### STEPS TO BE FOLLOWED:

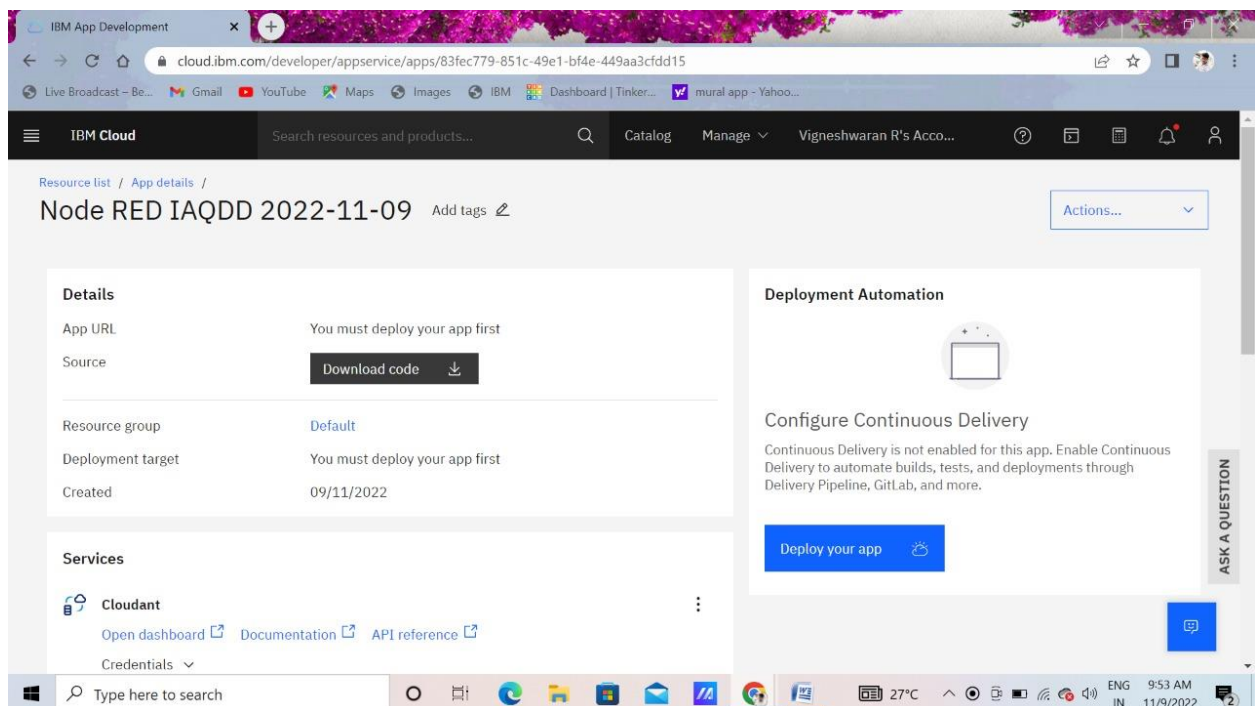
**STEP 1:** Navigated to the App creation page.



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



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



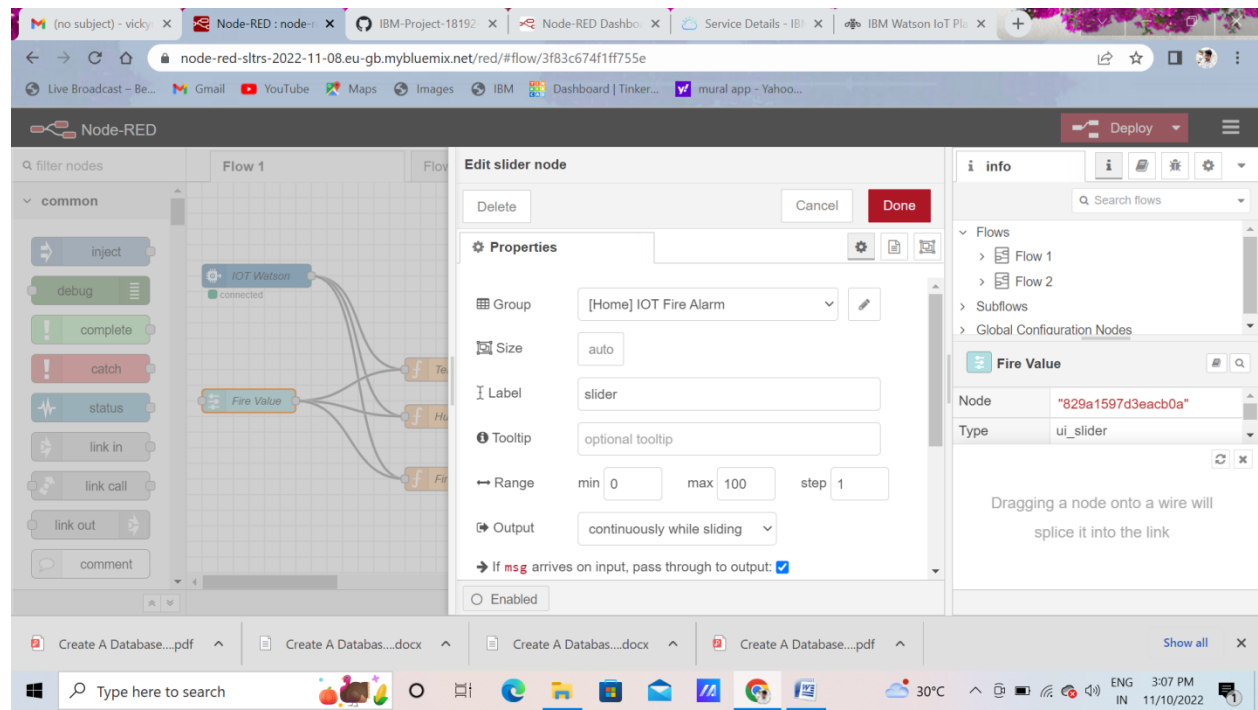
## STEP 4: Setting up the environment and deploying the app.

The screenshot shows the IBM Cloud App Service console. The URL bar displays `cloud.ibm.com/developer/appservice/apps/83fec779-851c-49e1-bf4e-449aa3cfd15`. The page title is "IBM App Development". The main content area is for configuring a new application. It includes a field for the "IBM Cloud API key" with a "New +" button. Below this, there are dropdowns for "Number of instances" (set to 1), "Memory allocation per instance" (set to 256 MB), "Region" (set to London), "Organization" (set to Vigneshwaran R), and "Space" (set to dev). There are also fields for "Host" (set to node-red-iaqdd-2022-11-09) and "Domain" (set to eu-gb.mybluemix.net). A "Validating host name..." message is shown below the host field. 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.

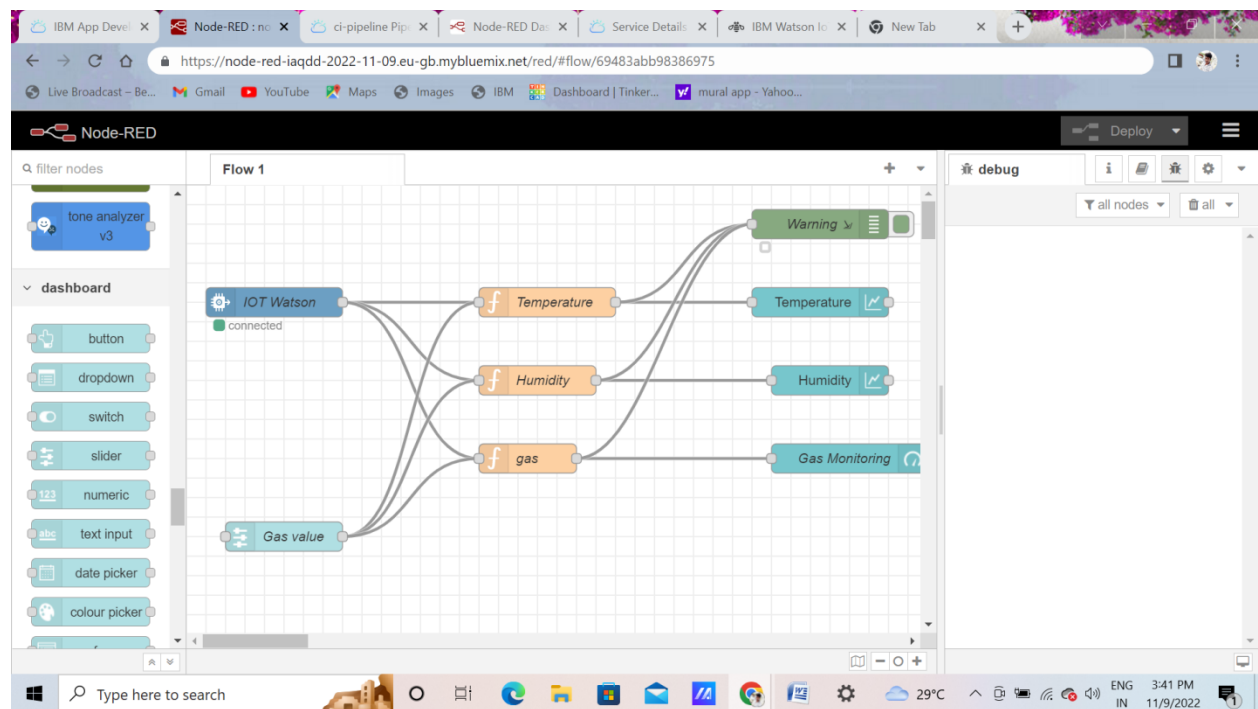
## STEP 5: Successfully deployed the app.

The screenshot shows the IBM Cloud App Service console displaying the details of a deployed application. The URL bar displays `cloud.ibm.com/developer/appservice/apps/83fec779-851c-49e1-bf4e-449aa3cfd15`. The page title is "IBM App Development". The main content area shows the "Node RED IAQDD 2022-11-09" application. The "Details" section includes fields for "App URL", "Source", "Resource group", "Deployment target", and "Created". The "Deployment Automation" section shows the "Name" as "NodeREDIAQDD2022-11-09", "Location" as "London", and "Tool integrations". The "Delivery Pipelines" section shows two pipelines: "pr-pipeline" and "ci-pipeline", both with a status of "No stages detected". The "Services" section shows the "Cloudant" service with links to "Open dashboard", "Documentation", and "API reference". The Windows taskbar at the bottom shows the time as 9:55 AM on 11/9/2022.

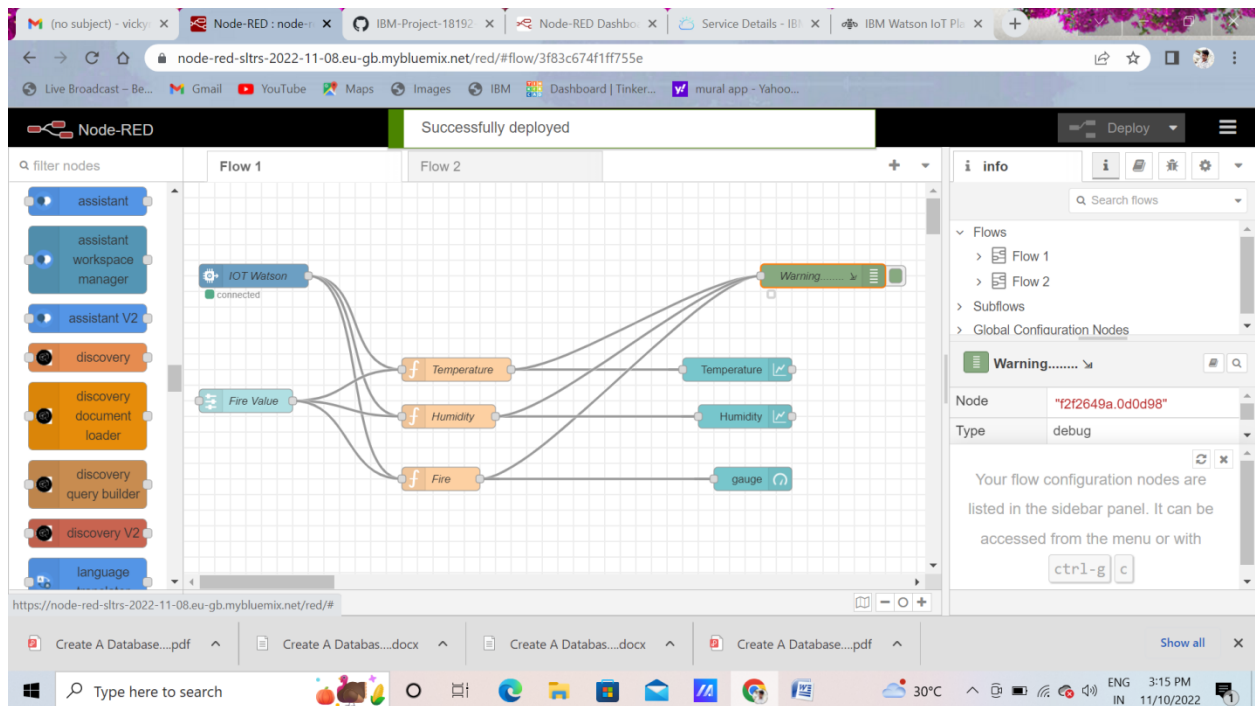
## STEP 6: Dragged and dropped components into the editor.



## STEP 7: Editing some values of the properties.



## STEP 8: Successfully deployed the app.



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