

Create and Configure IBM Cloud Service

Create Node-RED Service

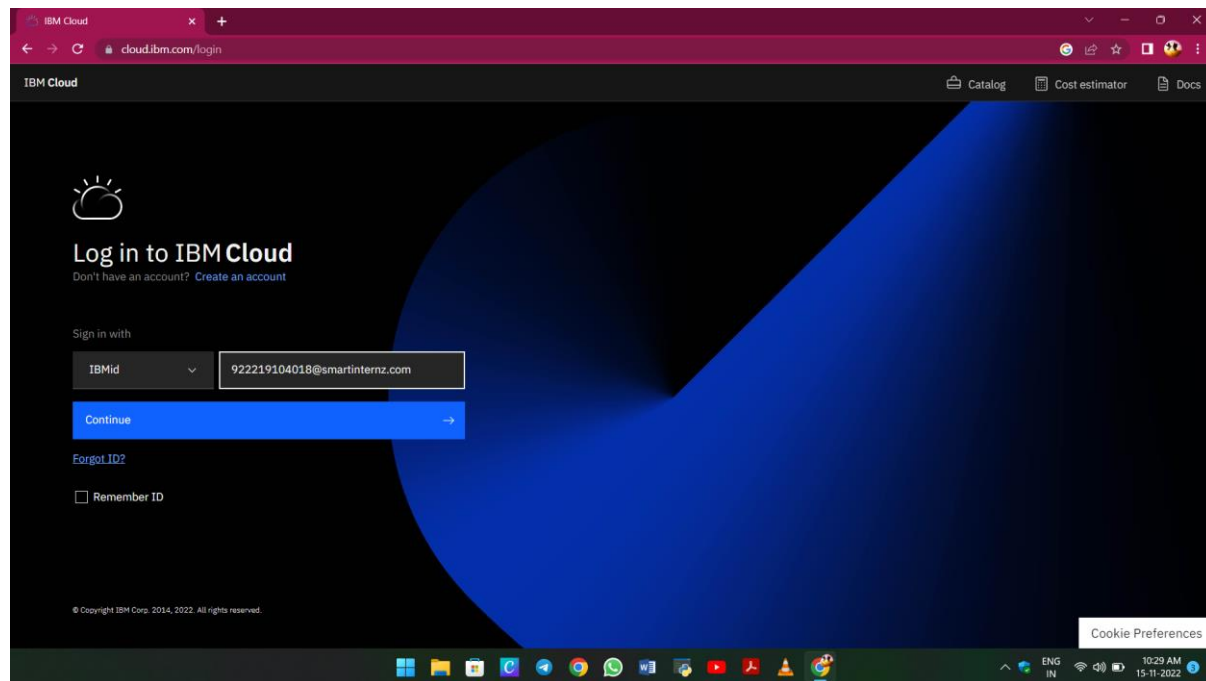
Date	14 November 2022
Team ID	PNT2022TMID49175
Project Name	IOT Based Safety Gadget For Child Safety Monitoring & Notification

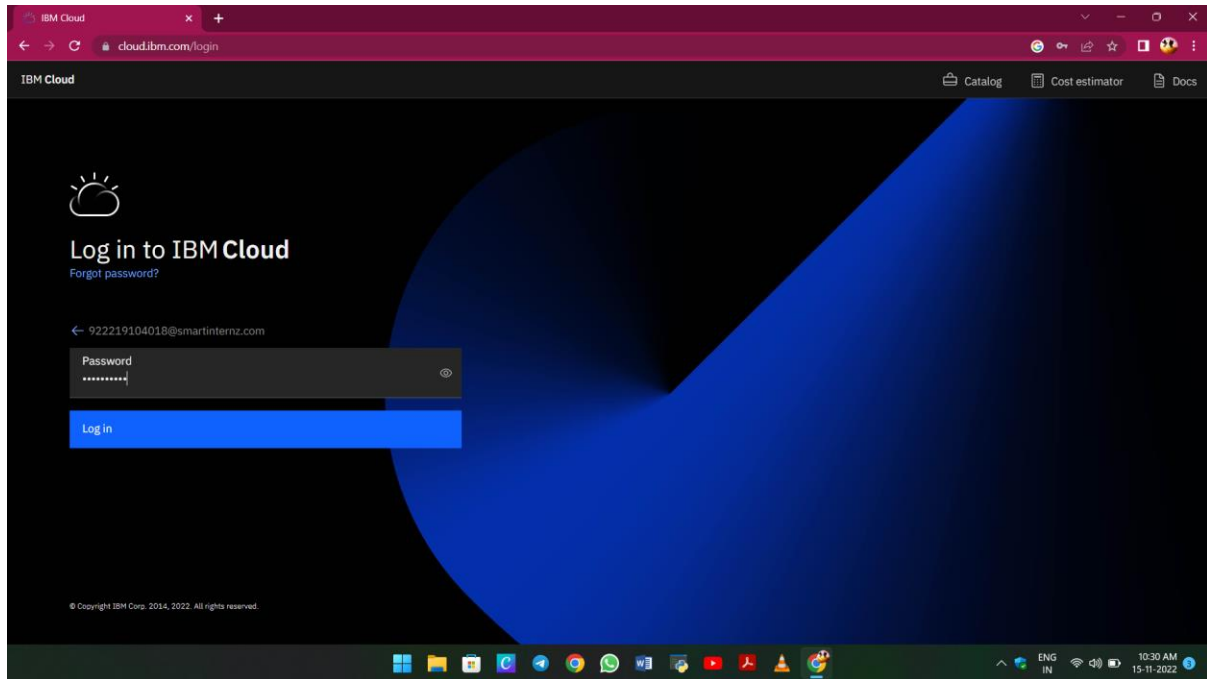
AIM

To Create Node-RED service.

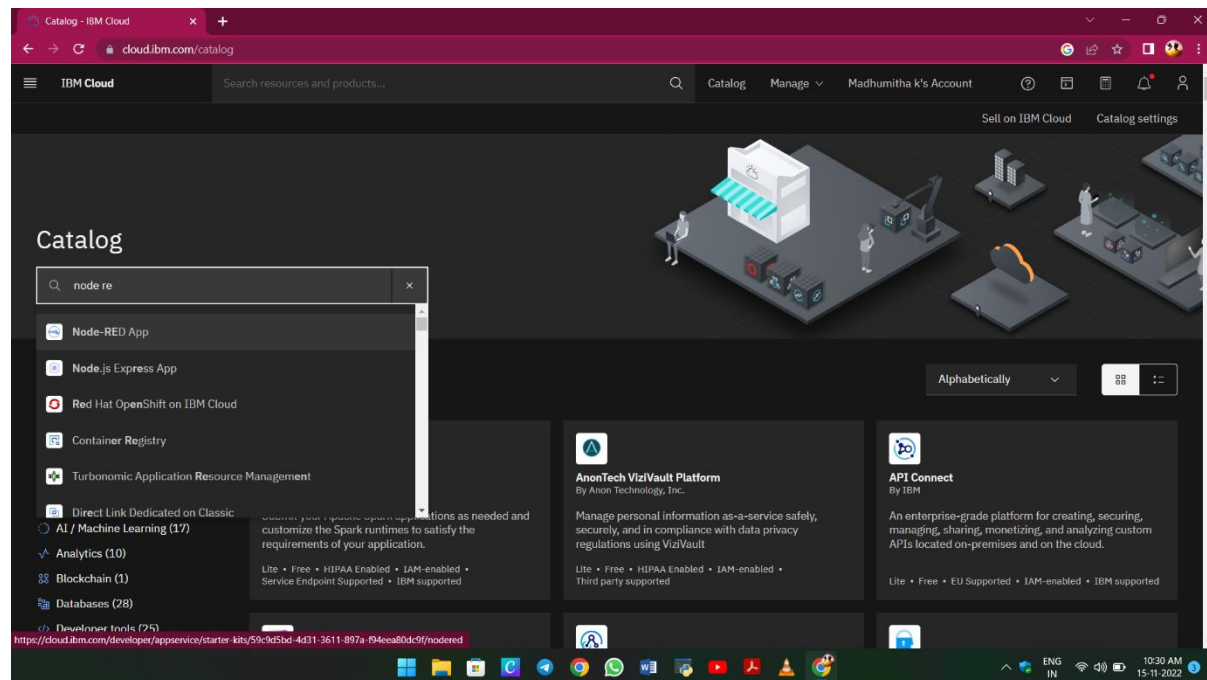
STEPS

1. Login to IBM Cloud with smart internz mail ID and Password.

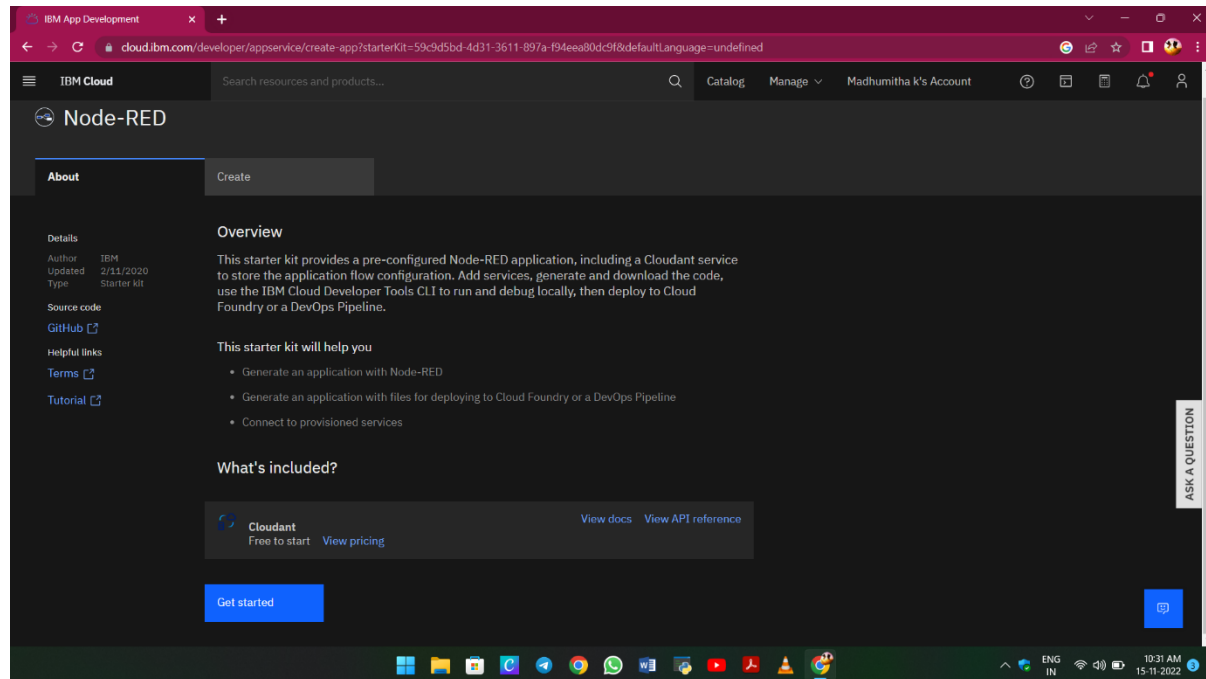




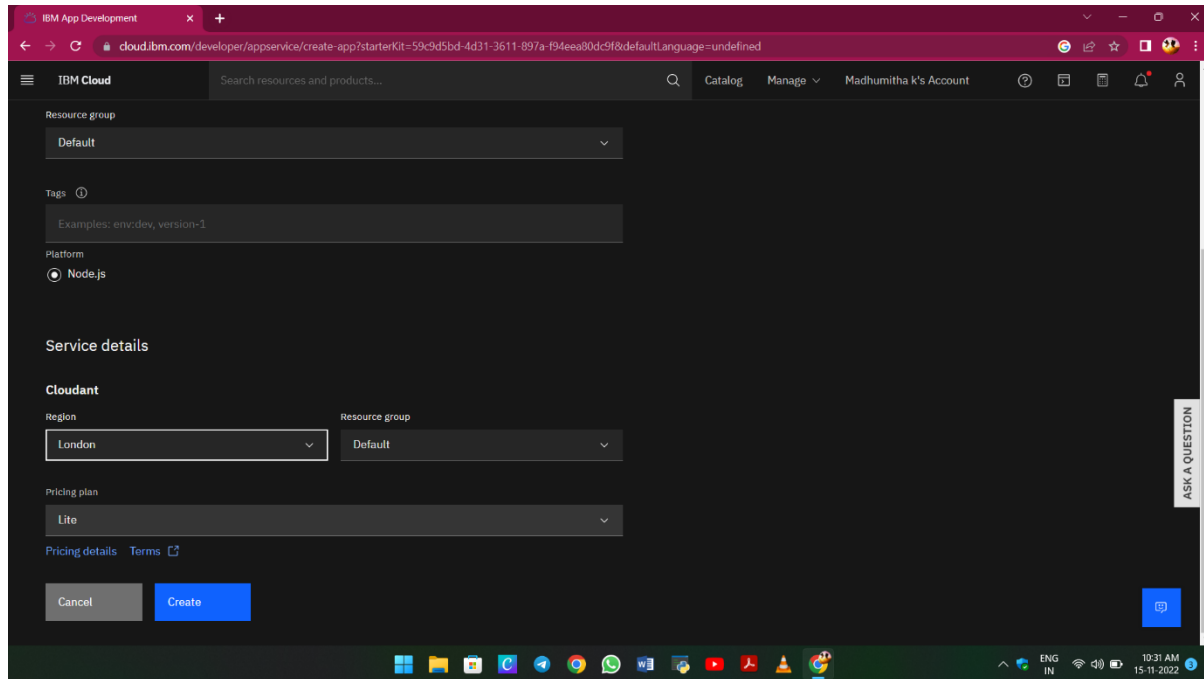
2. Go to Catalog and Search for Node-red App in the search bar.



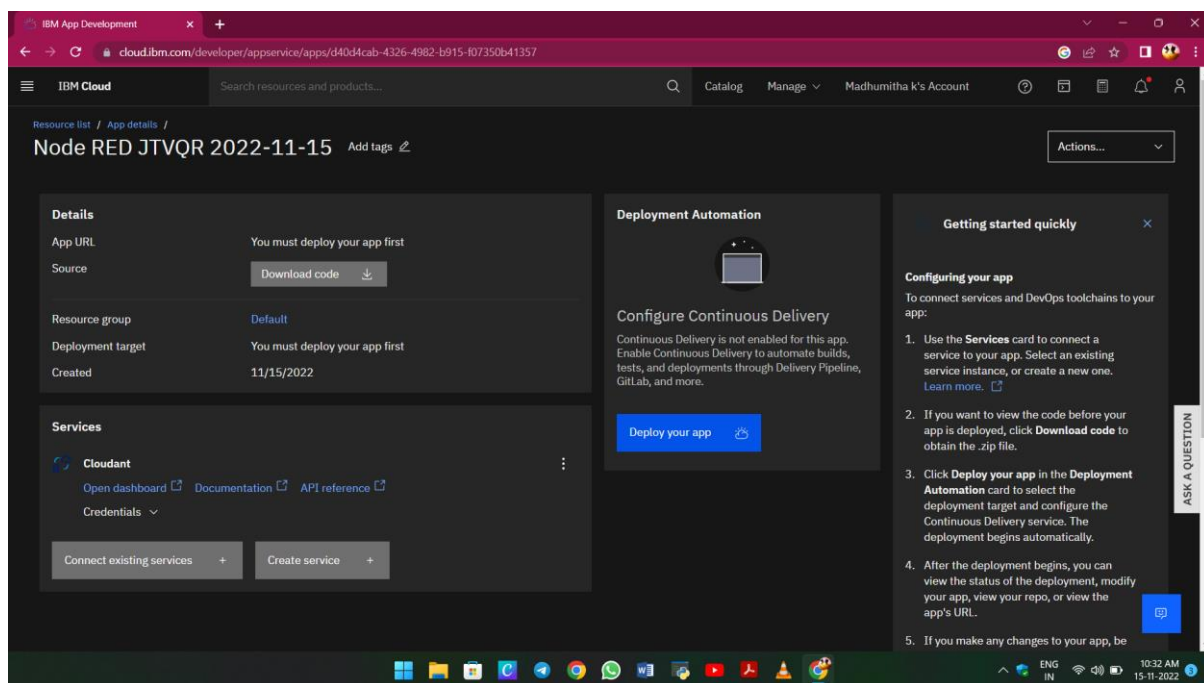
3. Open Node-red App and click get start.



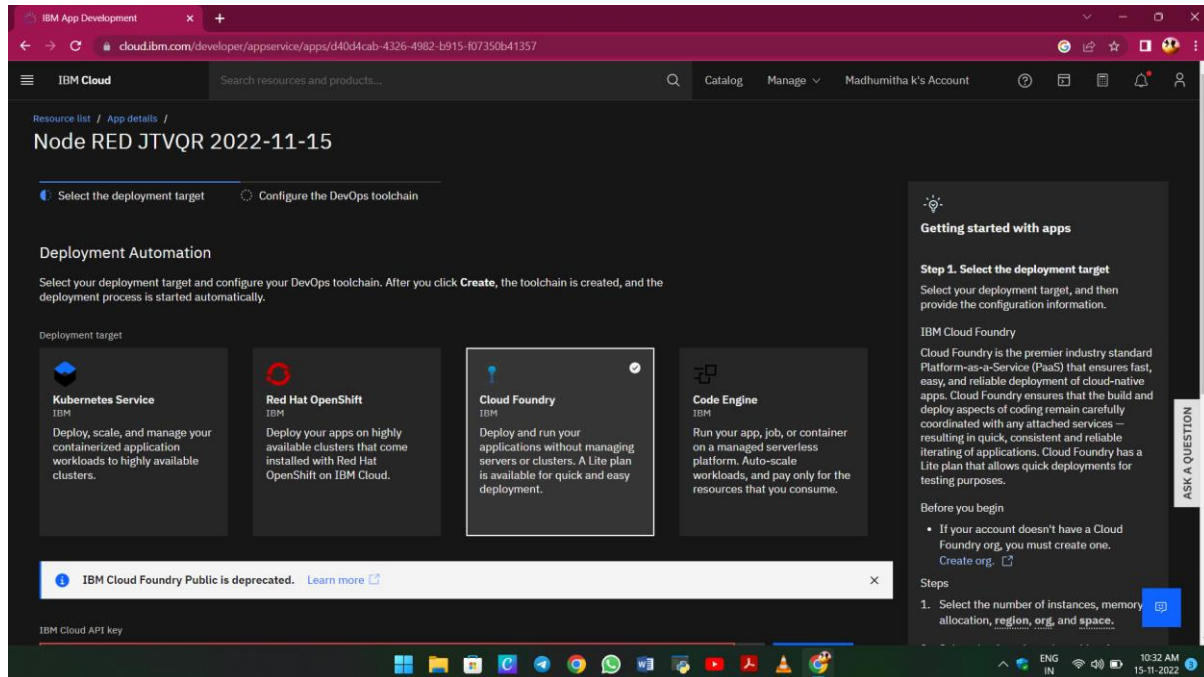
4. In next page click create.



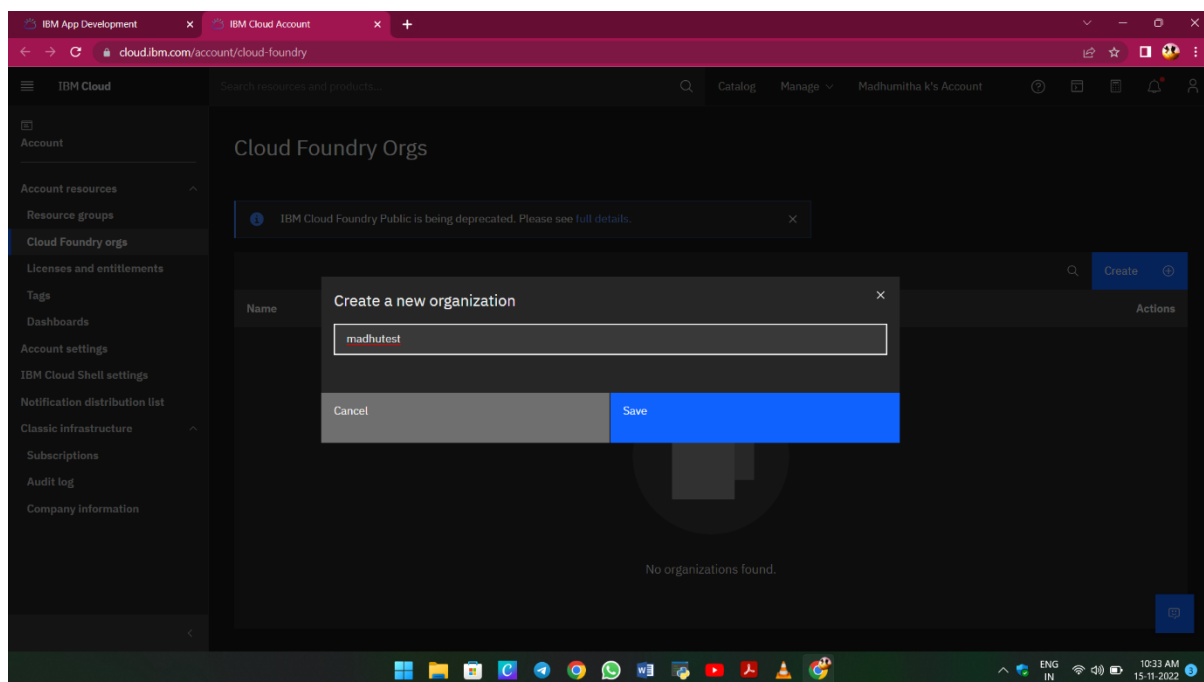
5. Click Deploy Your App.

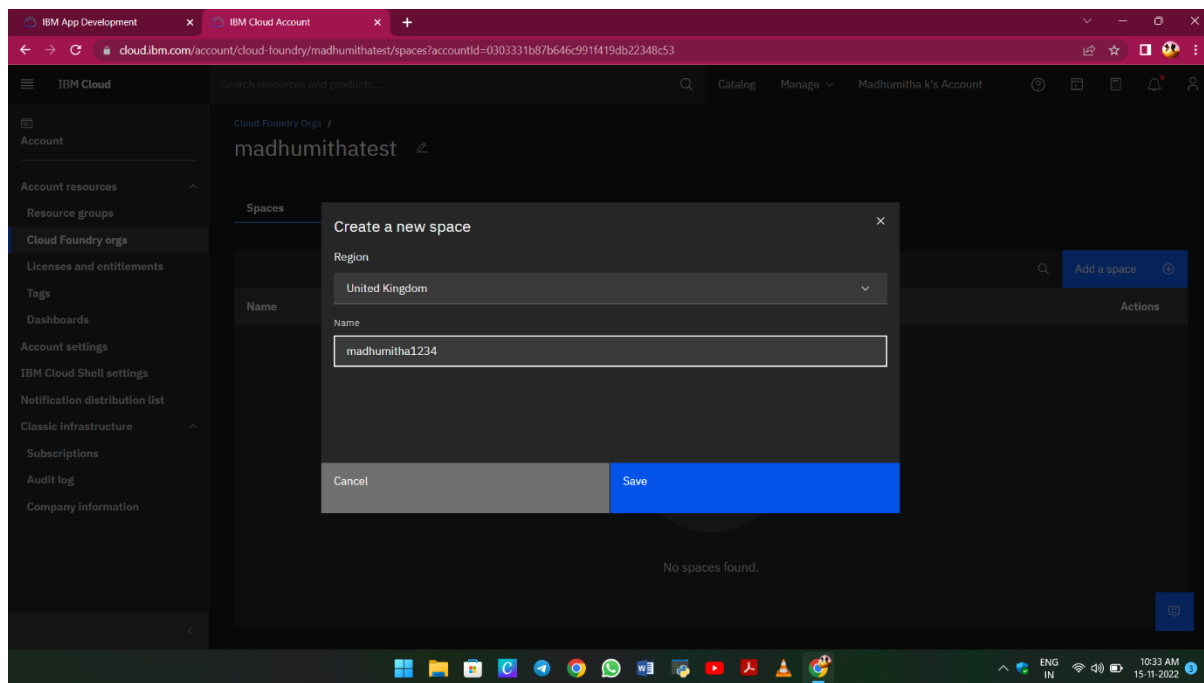
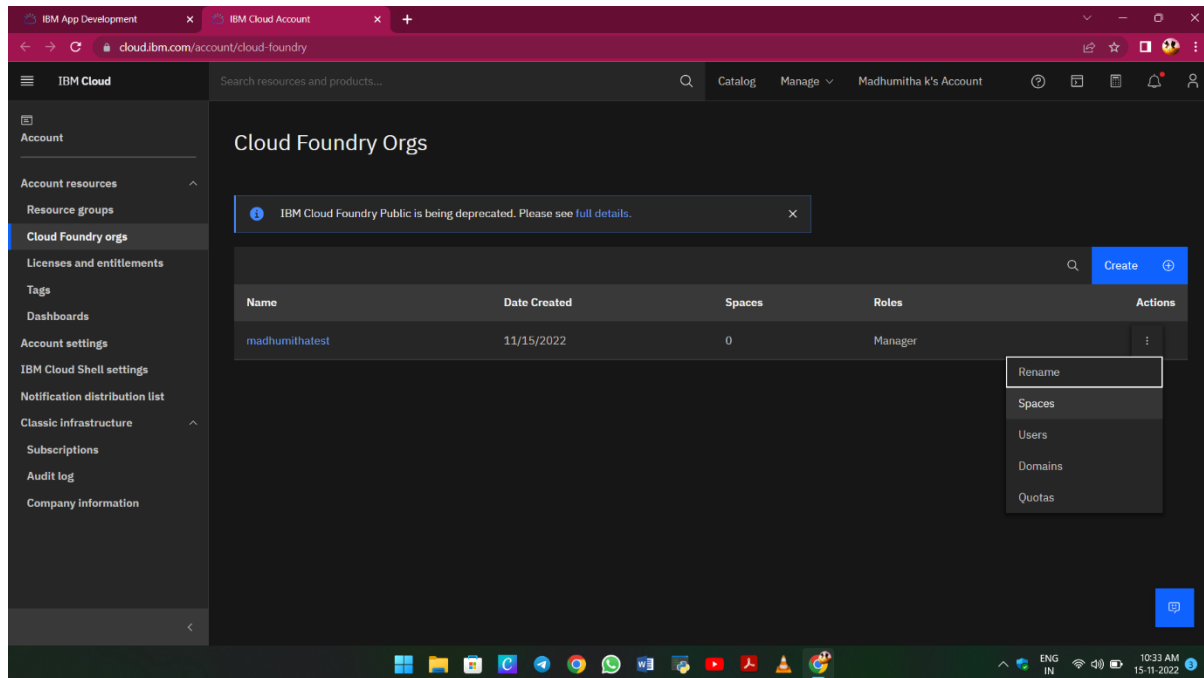


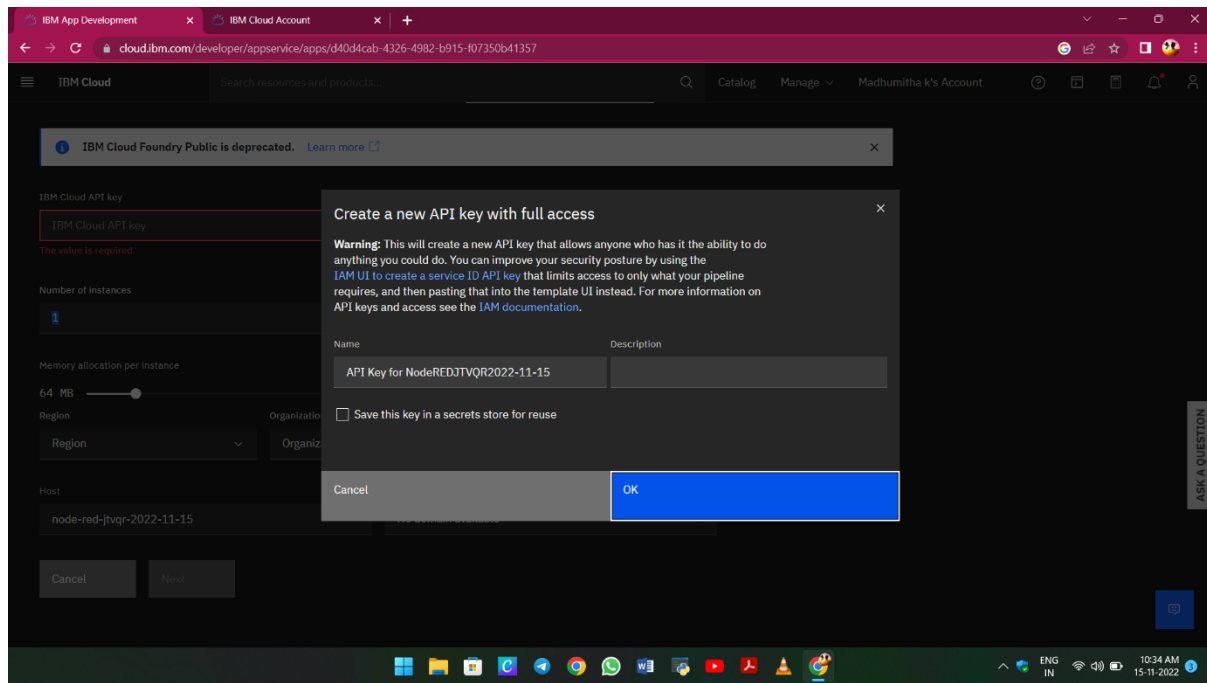
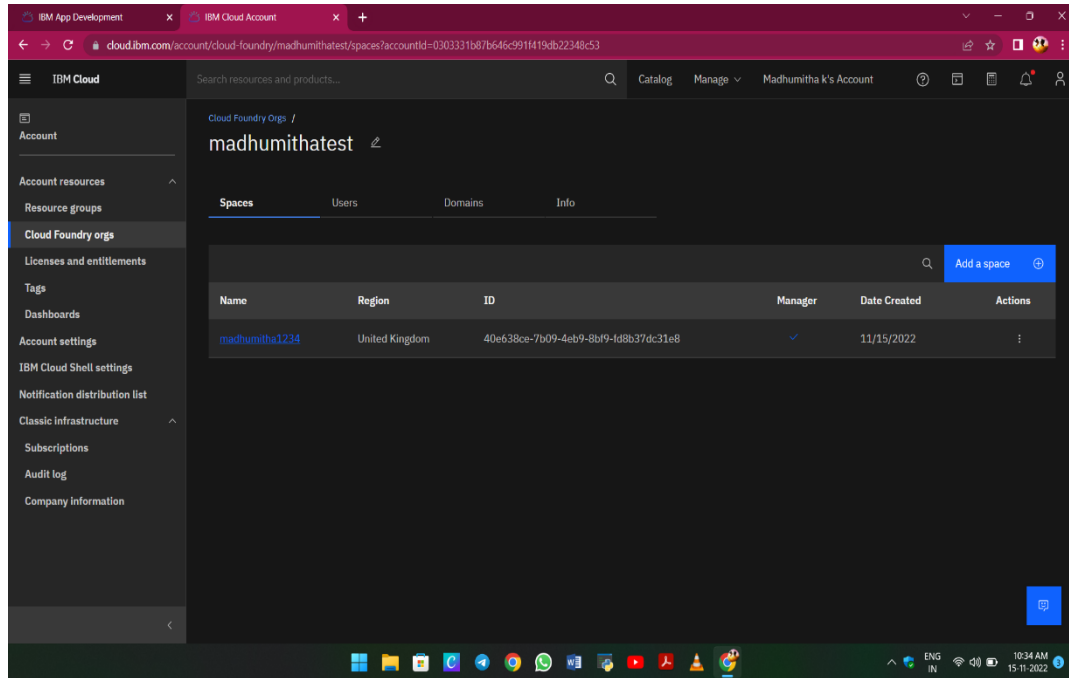
6. Click Deploy your app and it come to this page and select cloud foundry.

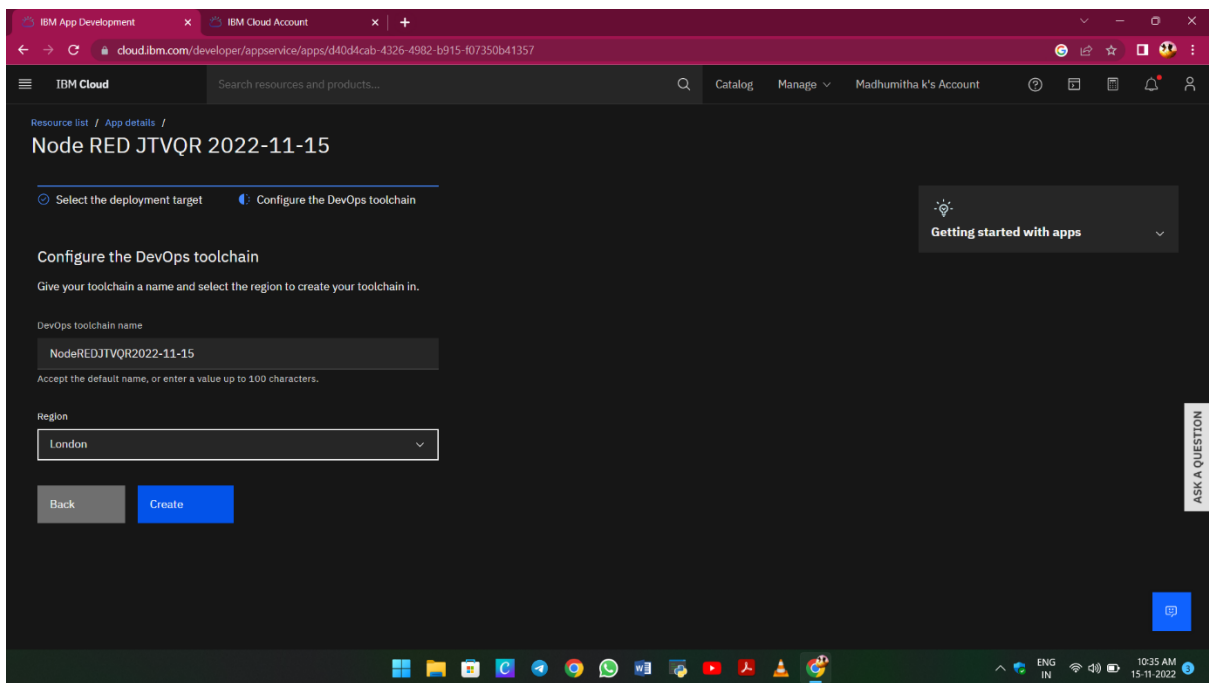
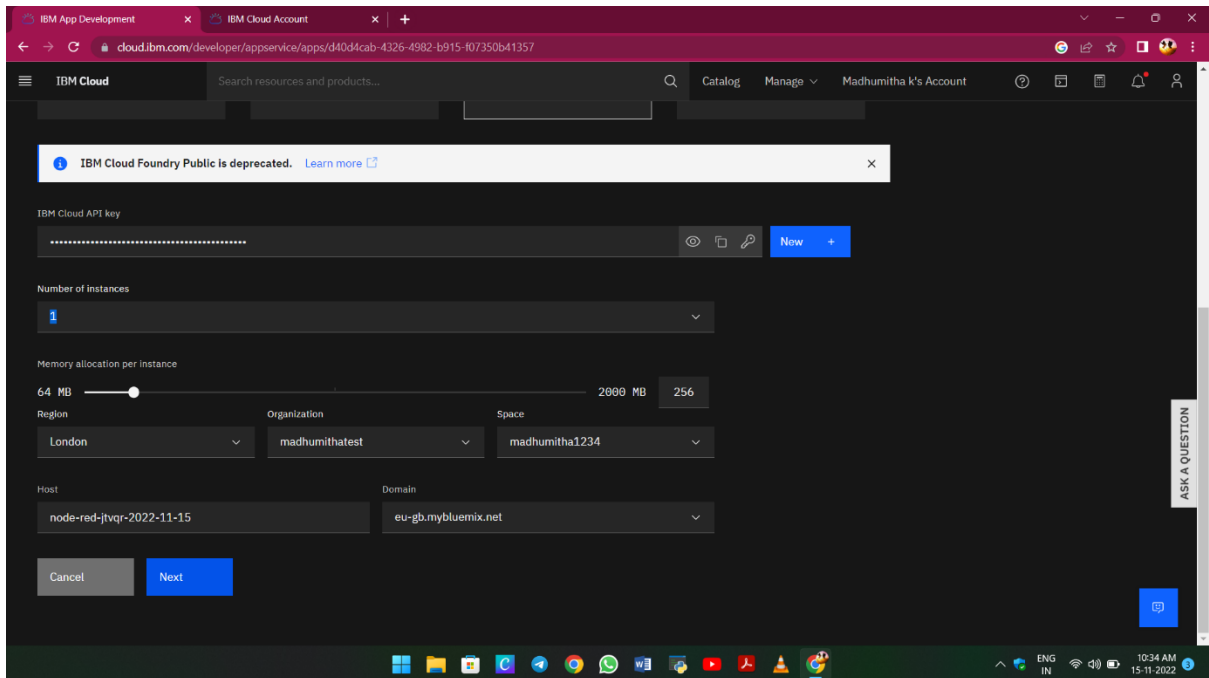


7. Setting up the environment and deploying the app.









IBM App Development | IBM Cloud Account

cloud.ibm.com/developer/appservice/apps/d40d4cab-4326-4982-b915-407350b41357

IBM Cloud | Search resources and products... | Catalog | Manage | Madhumitha K's Account

Node RED JTVQR 2022-11-15 [Add tags](#)

Actions...

Details

App URL: You must deploy your app first

Source: <https://eu-gb.git.cloud.ibm.com/922219104018/NodeREDJTV...>

Resource group: Default

Deployment target: You must deploy your app first

Created: 11/15/2022

Deployment Automation

Name: NodeREDJTVQR2022-11-15

Location: London

Tool integrations:

Delivery Pipelines

Name: pr-pipeline

Status: No stages detected

Name: ci-pipeline

Status: No stages detected

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be

Services

Cloudant

[Open dashboard](#) [Documentation](#) [API reference](#)

Credentials

[Connect existing services](#) [Create service](#)

https://cloud.ibm.com/devops/pipelines/texton/cf32667b-c81c-47ba-861a-5dbef03e6d7f/env_id-ibmypeu-gb8app_id-d40d4cab-4326-4982-b915-407350b41357

IBM App Development | ci-pipeline PipelineRun | IBM Cloud Account

cloud.ibm.com/devops/pipelines/texton/cf32667b-c81c-47ba-861a-5dbef03e6d7f/runs/05aea602-1c2c-43f9-8932-8ad0848c2a49/extract-repository-url/extract-value-jq?env_id-ibmypeu-gb

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ci-pipeline PipelineRun

Actions | [Run pipeline](#)

PipelineRuns

Definitions

Worker

Triggers

Environment properties

Other settings

simple-hosted-pipeline-05aea602-1c2c-43f9-8932-8ad0848c2a49

Last updated 20 seconds ago

Running Tasks Completed: 5 (Failed: 0, Cancelled 0), Incomplete: 1, Skipped: 0

Duration: 11m 29s

#1 Triggered by 922219104018@smartinternz.com manual-run Worker: IBM Managed workers in LONDON [Show Context](#)

extract-repository-url

extract-value-jq

clone-task

code-risk-analyzer

build

rolling-deploy-task

publish-deployable-t...

extract-value-jq Completed

Duration: 0s

Logs **Details**

<https://eu-gb.git.cloud.ibm.com/922219104018/NodeREDJTVQR2022-11-15>

Step completed successfully

IBM App Developer x ci-pipeline Dashboard x ci-pipeline PipelineR... x IBM Cloud Account x Welcome to Project! x IBM x IBM-Project-17500-1 x

cloud.ibm.com/developer/appservice/apps/d40d4cab-4326-4982-b915-407350b41357

IBM Cloud Search resources and products... Catalog Manage Madhumitha K's Account

Resource list / App details /

Node RED JTVQR 2022-11-15 [Add tags](#)

Actions...

Details

App URL	https://node-red-jtvqr-2022-11-15.eu-gb.mybluemix.net
Source	https://eu-gb.github.cloud.ibm.com/922219104018/NodeREDJTV...
Resource group	Default
Deployment target	Node RED JTVQR 2022-11-15
Created	11/15/2022

Deployment Automation

Name	NodeREDJTVQR2022-11-15
Location	London
Tool integrations	

Delivery Pipelines

Name	pr-pipeline
Status	No stages detected
Name	ci-pipeline
Status	Success

Getting started quickly

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2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
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Services

Cloudant

[Open dashboard](#) [Documentation](#) [API reference](#)

Credentials ▾

[Connect existing services](#) [Create service](#)

ASK A QUESTION

10:51 AM 15-11-2022

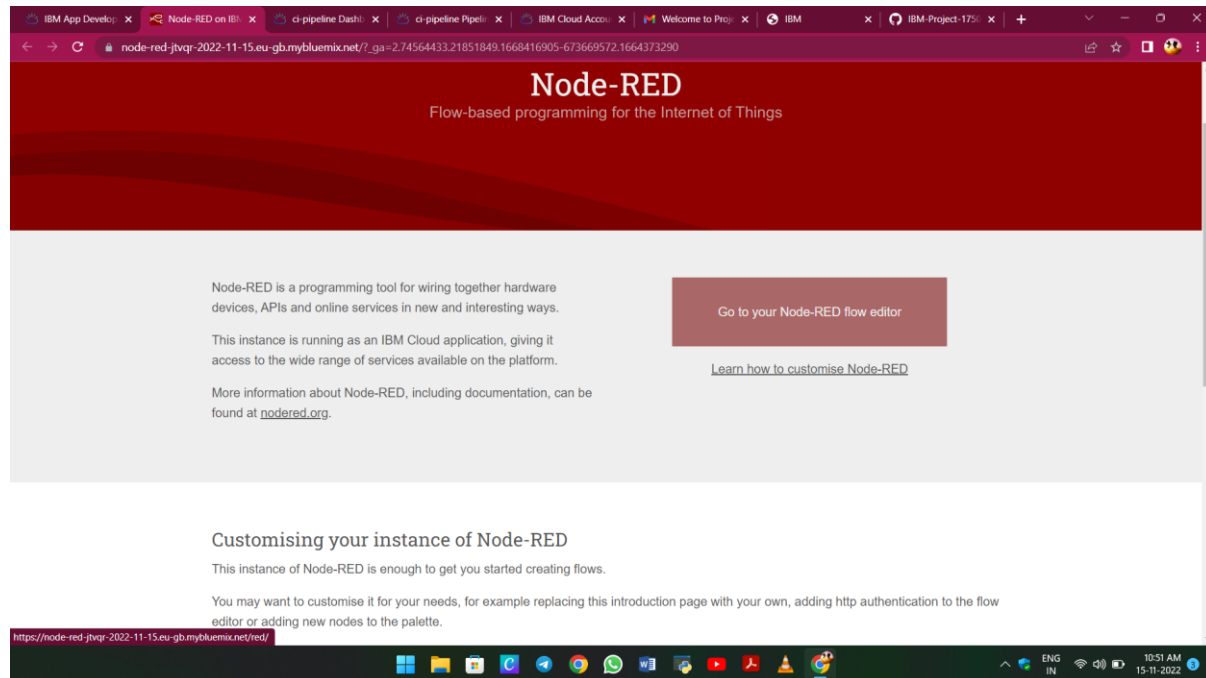
IBM App Develop... x Node-RED on IBM... x ci-pipeline Dash... x ci-pipeline Pipeli... x IBM Cloud Accou... x Welcome to Proj... x IBM x IBM-Project-175... x

node-red-jtvqr-2022-11-15.eu-gb.mybluemix.net/?_ga=2.74564433.21851849.1668416905-673669572.1664373290

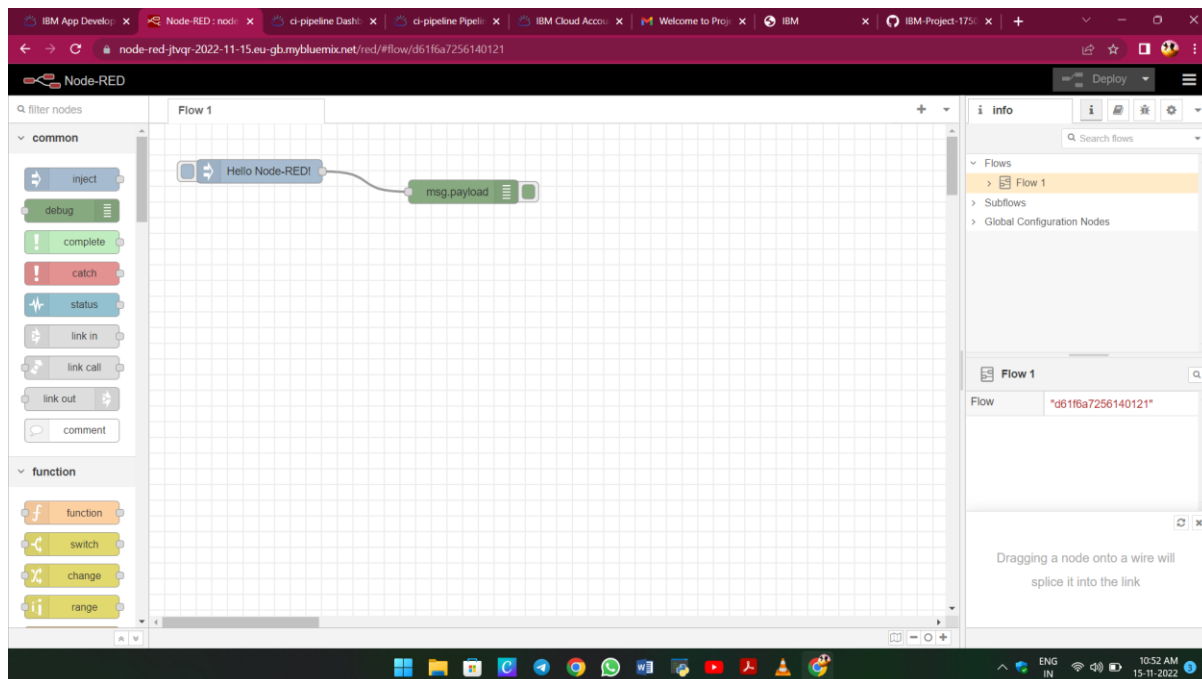
Applying your settings and starting Node-RED

|||

10:51 AM 15-11-2022



8. Successfully creating the app. And it's work Successfully



RESULT:

Successfully created the Node-RED service.

TEAM ID : PNT2022TMID49175
TEAM LEADER : SHARMILA.S
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TEAM MEMBER 2 : MADHUMITHA.K
TEAM MEMBER 3 : HEMA.M
TEAM SIZE 4

MENTOR : NITHYA.D