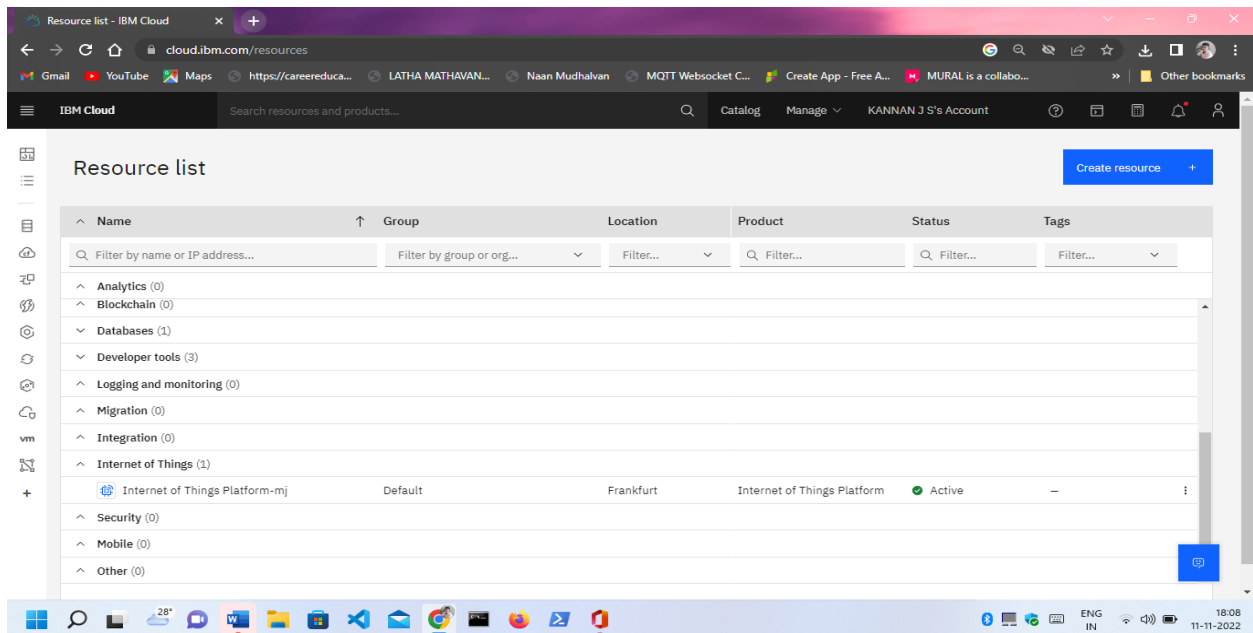
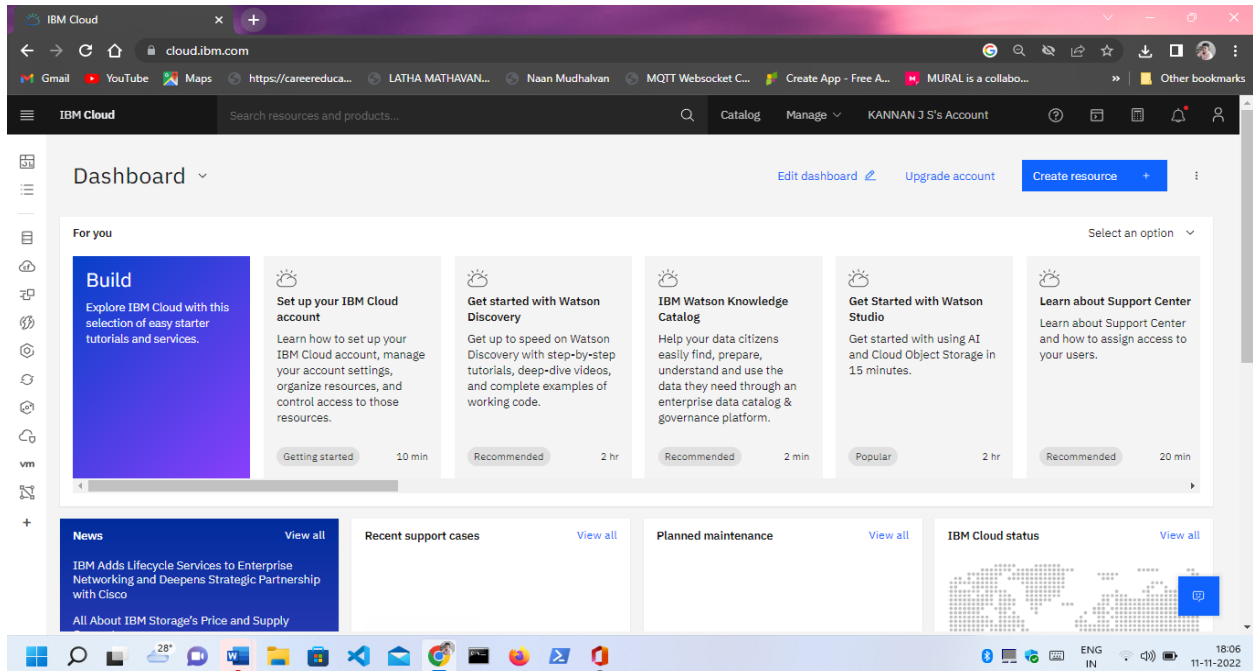


## SPRINT – 1

# REAL TIME WATER QUALITY MONITORING AND CONTROL SYSTEM

PNT2022TMID47600

## IBM CLOUD ACCOUNT CREATION:



Service Details - IBM Cloud

cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2Fa5574ea880134ab1aacffe47ae0b9a2...

IBM Cloud

Search resources and products...

Internet of Things Platform-mj

Active Add tags

Details Actions...

Manage

Plan

Connections

Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch Docs

Ready for the next level?

IBM Watson IoT Platform Journey

Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT equipment.

Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

18:10 11-11-2022

Service Details - IBM Cloud

IBM Watson IoT Platform

eqfbco.internetofthings.ibmcloud.com/dashboard/

eqfbco.internetofthings.ibmcloud.com/dashboard/

Naan Mudhalvan

MQTT Websocket C...

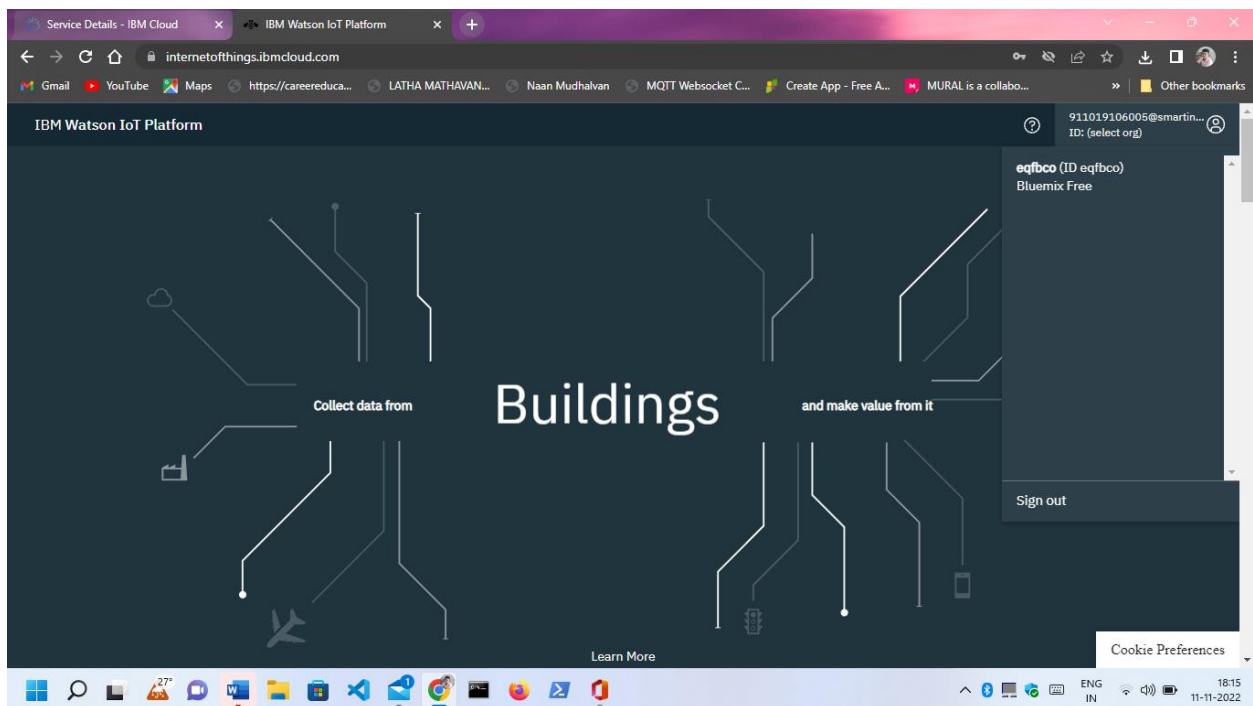
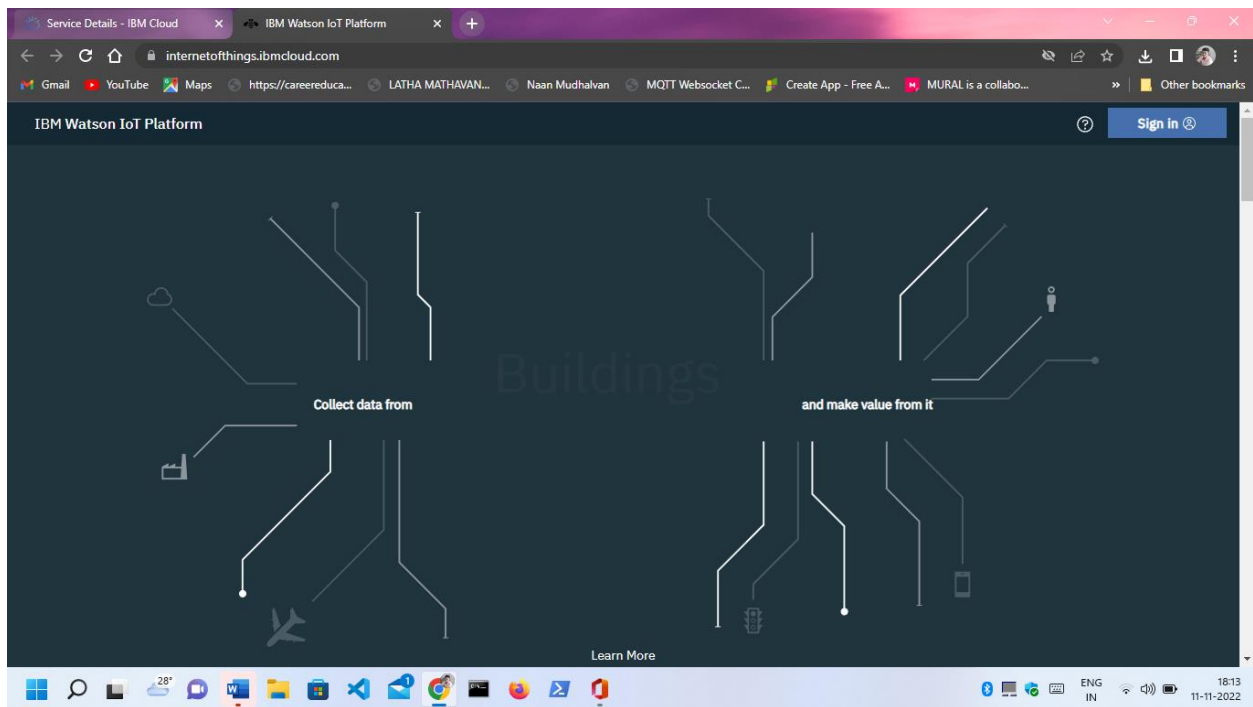
Create App - Free A...

MURAL is a collabo...

Other bookmarks

This user session has expired. You will be taken to the Home page where you can log in again.

18:11 11-11-2022



Service Details - IBM Cloud | IBM Watson IoT Platform

eqfbco.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

911019106005@smartinternz.com  
ID: eqfbco

Browse Action Device Types Interfaces

Add Device

## Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
PNT2022TMID47600	Disconnected	REAL_TIME_WATER_QUALITY_MONITORING	Device	18 Oct 2022 9:53 PM	
PNT2022TMID47600A	Disconnected	REAL_TIME_WATER_QUALITY_MONITORING	Device	8 Nov 2022 12:01 PM	

Items per page 50 | 1-2 of 2 items

1 of 1 page

## CREATION OF NODE -RED USING KUBERNET

Resource list - IBM Cloud | IBM Watson IoT Platform

cloud.ibm.com/resources

IBM Cloud

Search resources and products...

Catalog Manage KANNAN J S's Account

## Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Continuous Delivery	Default	Dallas	Continuous Delivery	Active	
Node RED NMKDO 2022-10-20	Default	Global	Cloud Application		
Node RED NMKDO 2022-10-20	Default	Dallas	Toolchain		

Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...

AI / Machine Learning (2)

Analytics (0)

Blockchain (0)

Databases (1+)

Developer tools (3)

Continuous Delivery

Node RED NMKDO 2022-10-20

Node RED NMKDO 2022-10-20

Logging and monitoring (0)

Migration (0)

Integration (0)

Internet of Things (1)

https://cloud.ibm.com/developer/appservice/apps/cc430c9f-9ef0-4141-8afb-9b225934003a

IBM App Development x IBM Watson IoT Platform x +

cloud.ibm.com/developer/appservice/apps/cc430c9f-9ef0-4141-8afb-9b225934003a

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IBM Cloud Search resources and products... Catalog Manage KANNAN J S's Account

Resource list / App details /

## Node RED NMKDO 2022-10-20 [Add tags](#)

[Actions...](#)

### Details

App URL	<a href="http://169.51.204">http://169.51.204</a>
Source	<a href="https://us-south.git.cloud.ibm.com/911019106005/NodeRED...">https://us-south.git.cloud.ibm.com/911019106005/NodeRED...</a>
Resource group	Default
Deployment target	Kube/Helm
Created	20/10/2022

### Services

Cloudant

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

[Credentials](#)

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

### Deployment Automation

Name	NodeREDNMKDO2022-10-20
Location	Dallas
Tool integrations	

### Delivery Pipelines

Name	ci-pipeline	Status	Success
Name	pr-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

ASK A QUESTION

18:22 11-11-2022

IBM App Development x Node-RED on IBM Cloud x IBM Watson IoT Platform x +

Not secure | 169.51.204

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## Node-RED on IBM Cloud

# Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at [nodered.org](https://nodered.org).

[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)

### Customising your instance of Node-RED

18:22 11-11-2022

IBM App Development x Node-RED: 169.51.204.237 x IBM Watson IoT Platform x New Tab

Not secure | a/#flow/6514eecd89bc0a21

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Node-RED

Flow 1 Flow 2

filter nodes

- button
- dropdown
- switch
- slider
- numeric
- text input
- date picker
- colour picker
- form
- text
- gauge
- chart
- audio out
- notification
- ui control
- template

msg payload

function

gauge

button

ui control

info

Search flows

- Flows
  - Flow 1
  - Flow 2
- Subflows
- Global Configuration Nodes

IBM IoT

Node "ea9c3bc3b4a45f51"

Type ibmiot in

show more

28°

18:38 11-11-2022