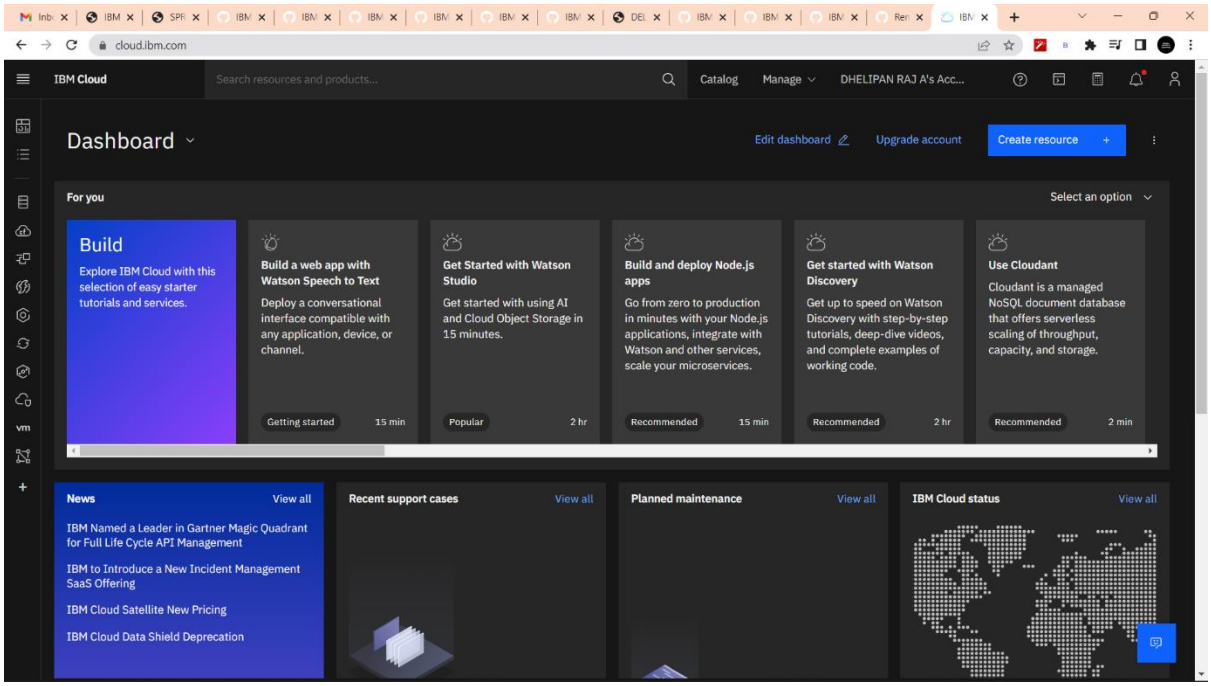
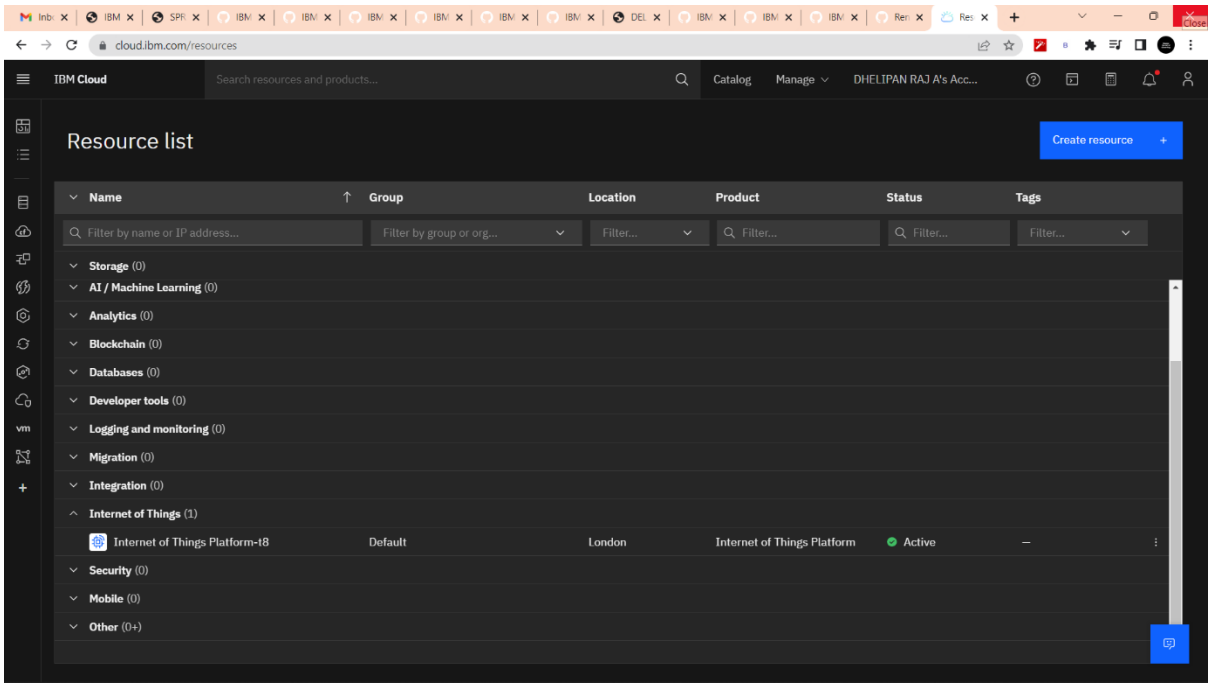
SPRINT 1

Real-Time River Water Quality Monitoring and Control System

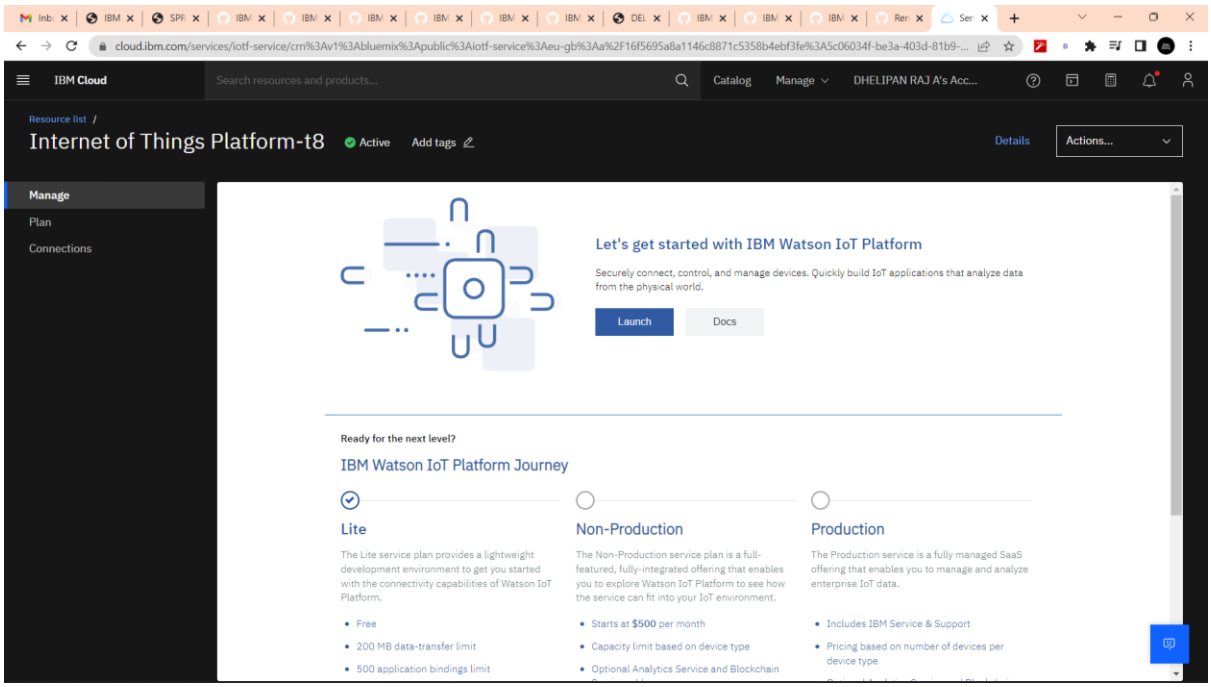
PNT2022TMID46026

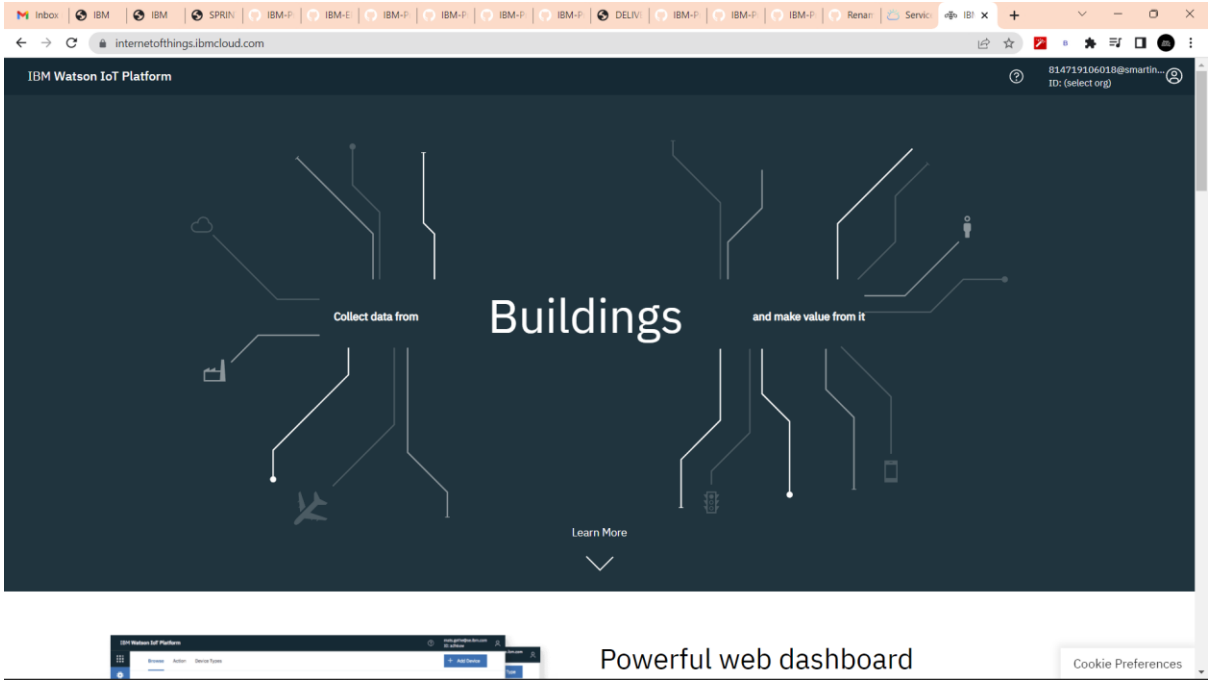
IBM CLOUD ACCOUNT CREATION:



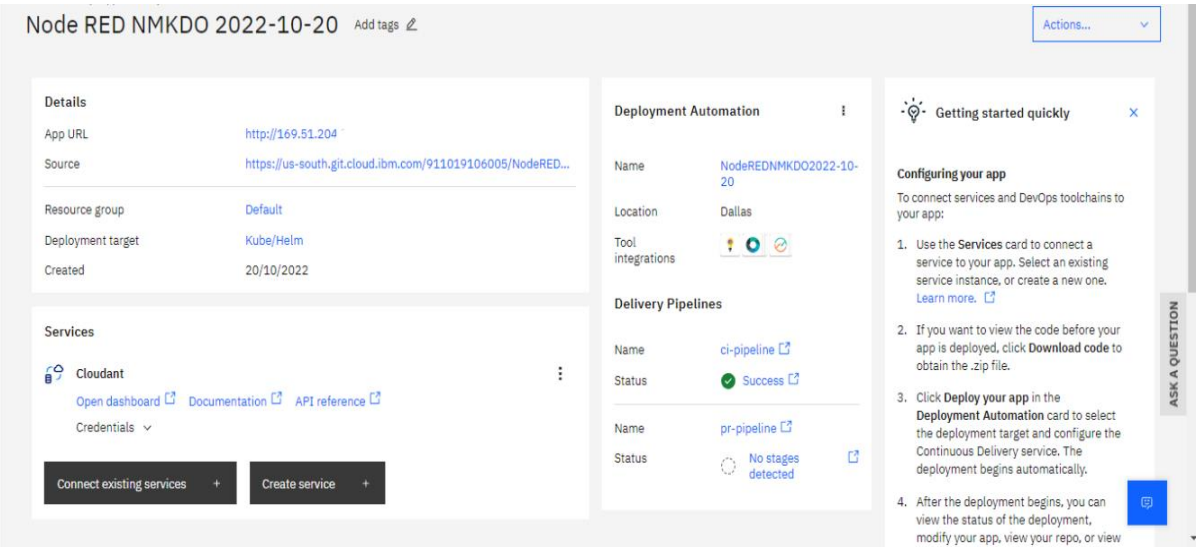


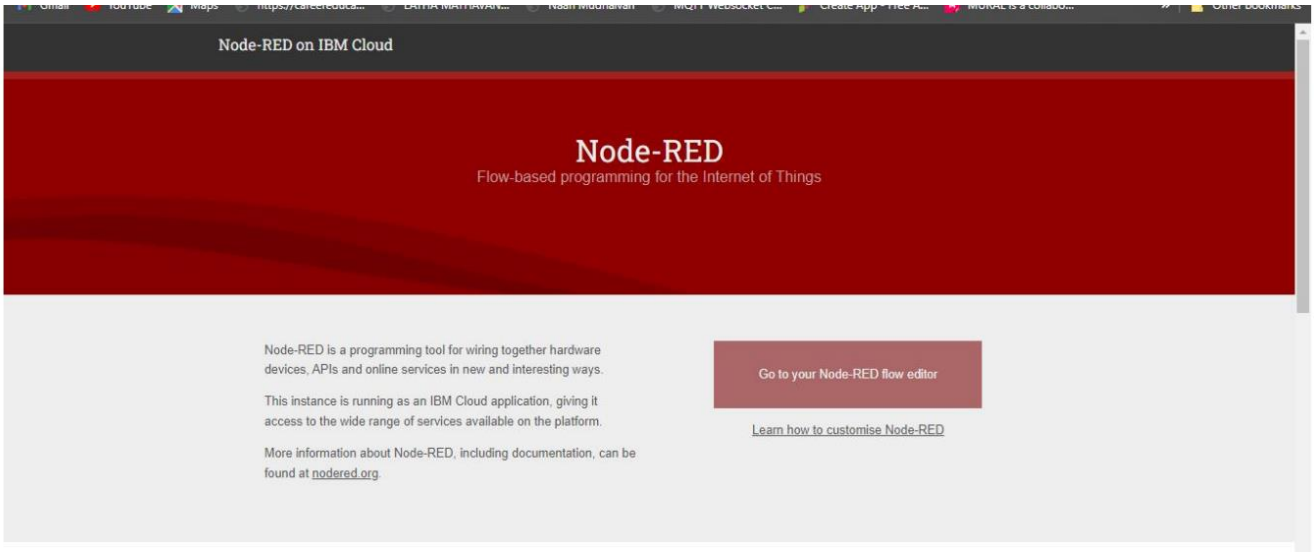
IBM WATSON :

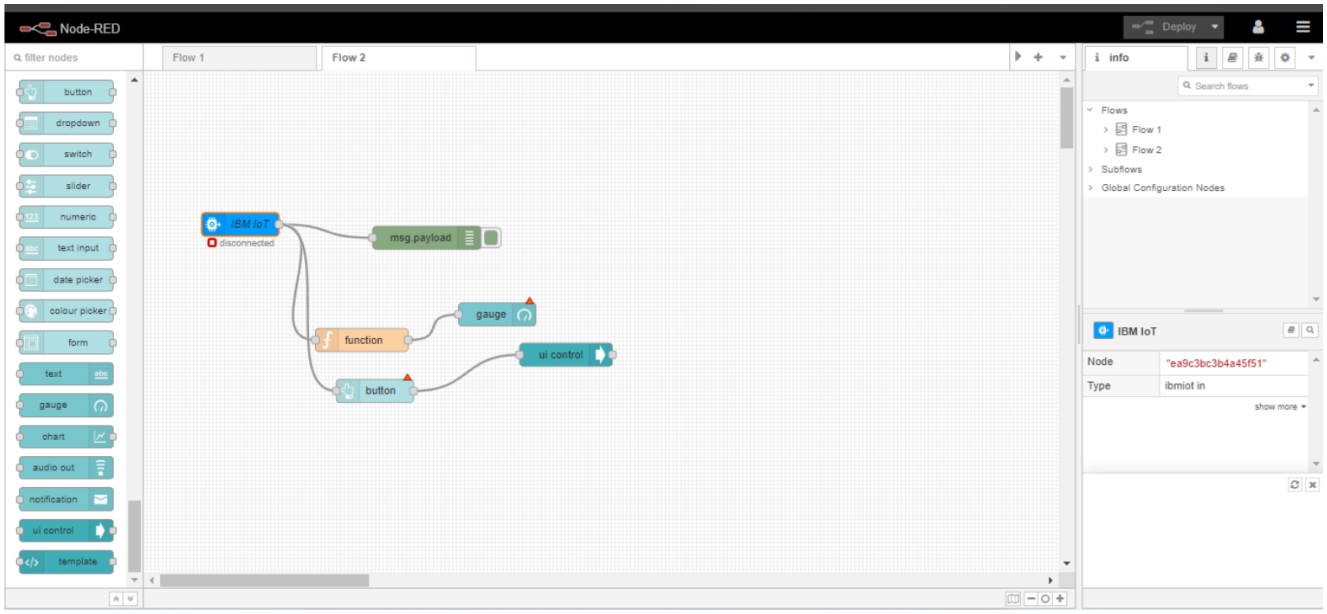

IBM Cloud
Search resources and products...
Catalog
Manage
DHELIPAN RAJ A's Acc...
Resource list /
Internet of Things Platform-t8
Active
Add tags
Details
Actions...
Manage
Plan
Connections
Let's get started with IBM Watson IoT Platform
Securely connect, control, and manage devices. Quickly build IoT applications 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.
Free
200 MB data-transfer limit
500 application bindings limit
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 environment.
Starts at $500 per month
Capacity limit based on device type
Optional Analytics Service and Blockchain
Production
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
Includes IBM Service & Support
Pricing based on number of devices per device type


internetofthings.ibmcloud.com
IBM Watson IoT Platform
Collect data from
Buildings
and make value from it
Learn More
Powerful web dashboard
Cookie Preferences

NODE RED :


Node RED NMKDO 2022-10-20
Add tags
Actions...
Details
App URL
http://169.51.204
Source
https://us-south.git.cloud.ibm.com/911019106005/NodeRED...
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


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.
Go to your Node-RED flow editor
Learn how to customise Node-RED


Node-RED
Deploy
filter nodes
Flow 1
Flow 2
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
button
dropdown
switch
slider
numeric
text input
date picker
colour picker
form
text
gauge
chart
audio out
notification
ui control
template
IBM IoT
disconnected
msg.payload
function
gauge
ui control
button
IBM IoT
Node
"ea9c3bc3b4a45f51"
Type
ibmiot in
show more