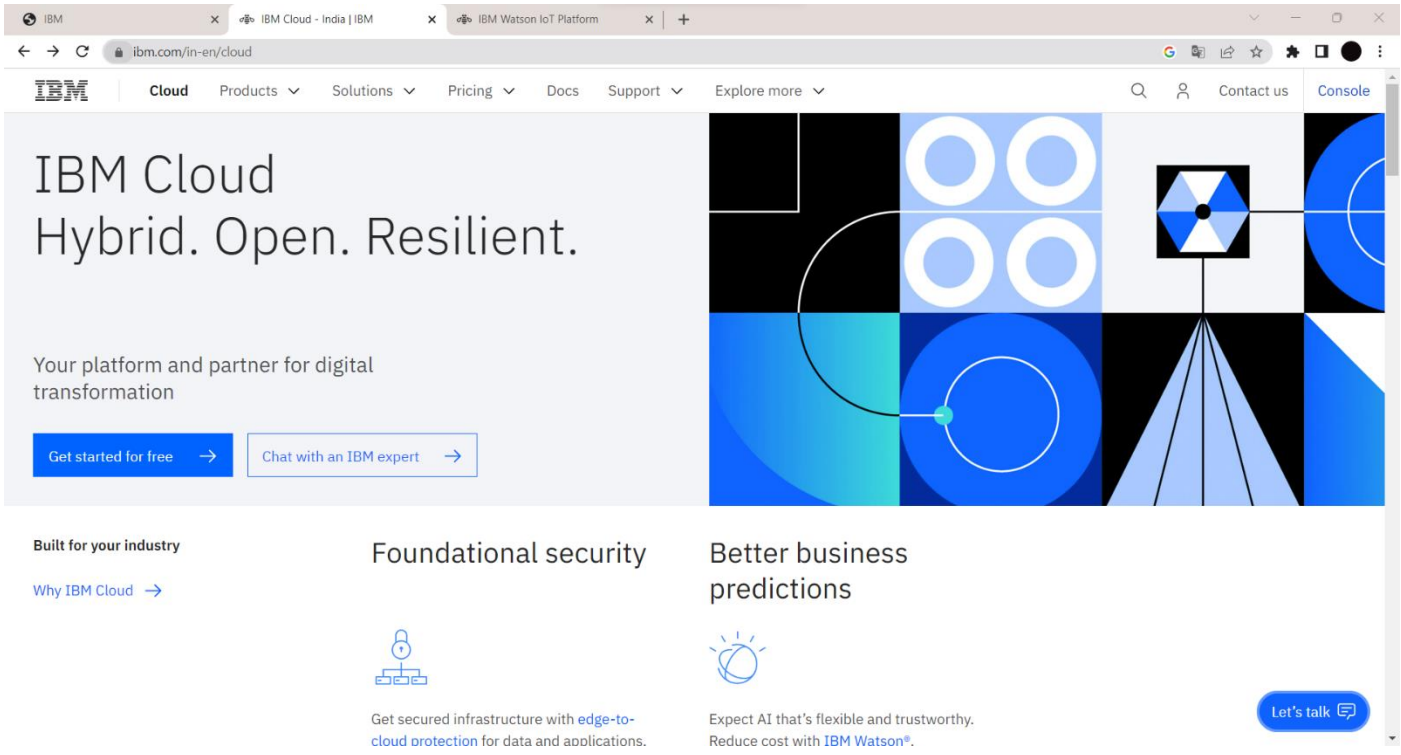
CREATE AND CONFIGURE IBM CLOUD SERVICES

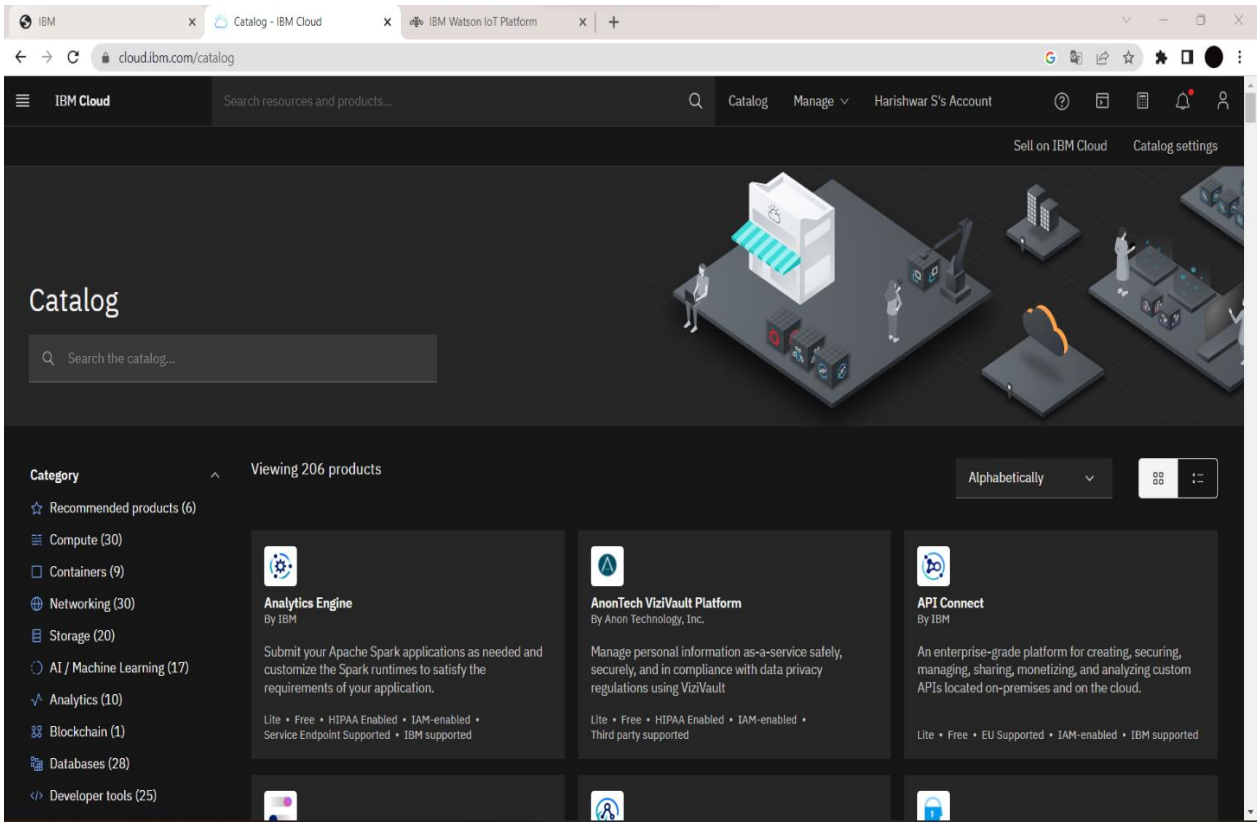
DATE	06 NOV 2022
REG NO	920819106019
NAME	S.HARISHWAR
TEAM ID	PNT2022TMID48661
PROJECT NAME	**IOT Enabled Smart Farming Application**

CREATE IBM WATSON IOT PLATFORM AND DEVICE

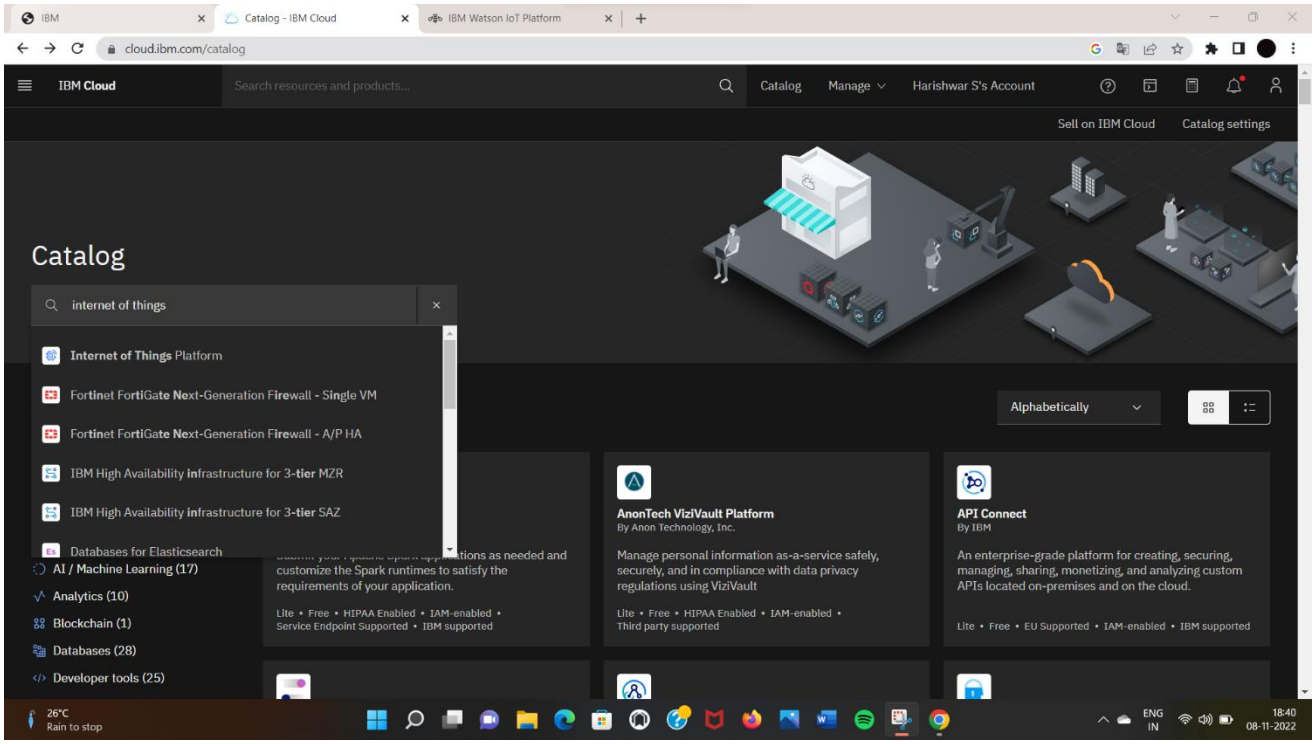
STEP 1:-



STEP 2:-


IBM
Catalog - IBM Cloud
IBM Watson IoT Platform
cloud.ibm.com/catalog
IBM Cloud
Search resources and products...
Catalog
Manage
Harishwar S's Account
Sell on IBM Cloud
Catalog settings
Catalog
Search the catalog...
Category
Recommended products (6)
Compute (30)
Containers (9)
Networking (30)
Storage (20)
AI / Machine Learning (17)
Analytics (10)
Blockchain (1)
Databases (28)
Developer tools (25)
Viewing 206 products
Alphabetically
Analytics Engine
By IBM
Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your application.
Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported
AnonTech ViziVault Platform
By Anon Technology, Inc.
Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault
Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported
API Connect
By IBM
An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises and on the cloud.
Lite • Free • EU Supported • IAM-enabled • IBM supported

STEP 3:-


IBM
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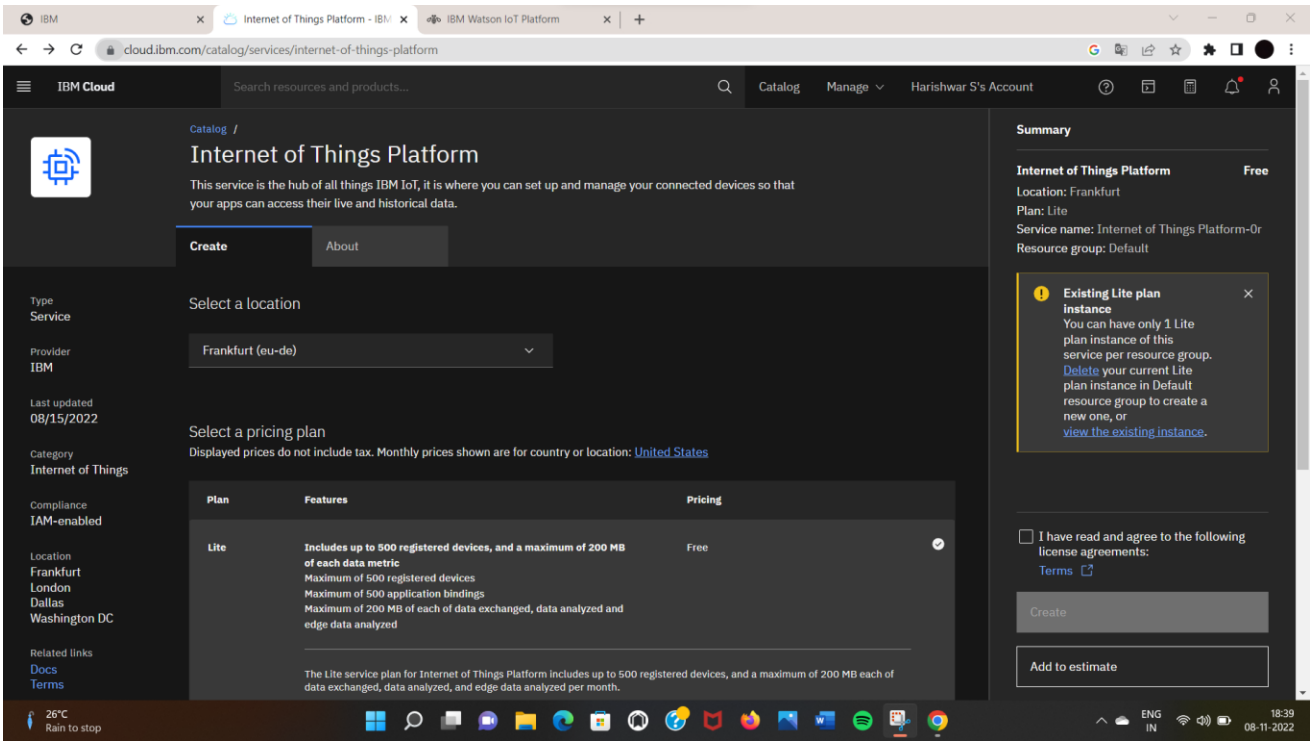
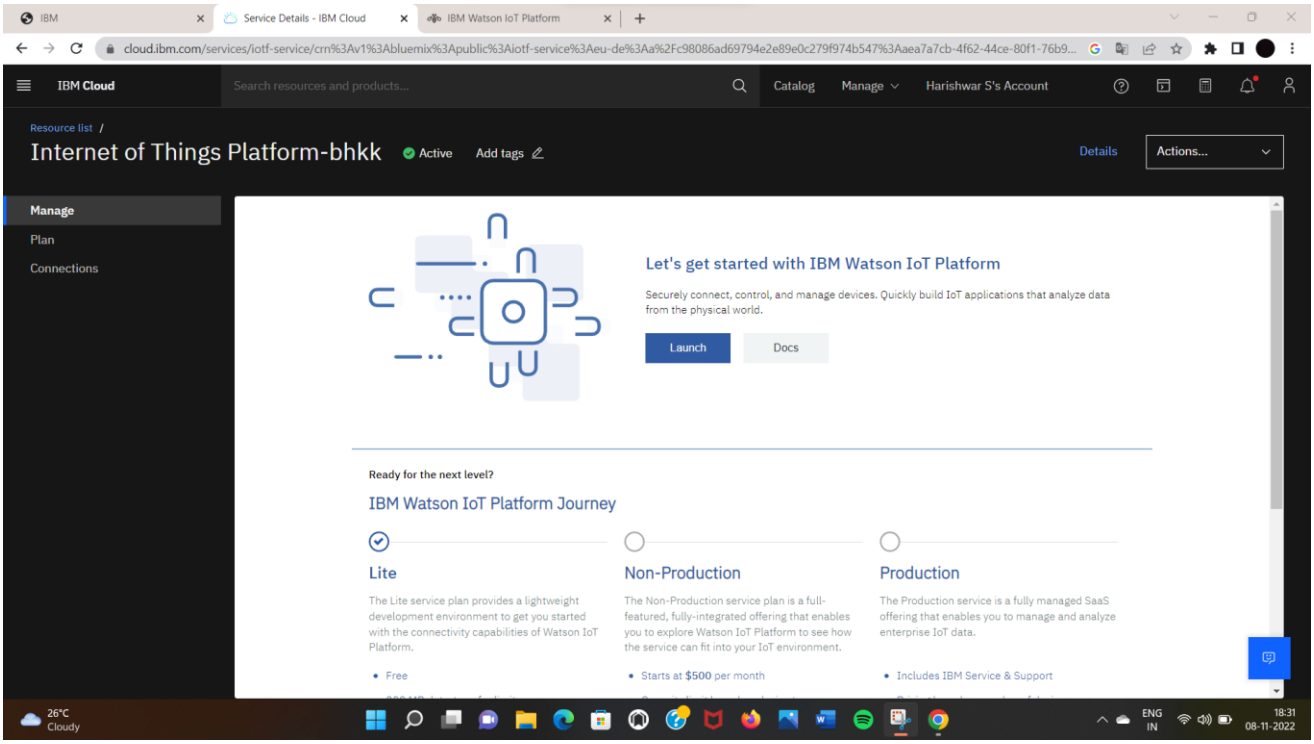
cloud.ibm.com/catalog
IBM Cloud
Search resources and products...
Catalog
Manage
Harishwar S's Account
Sell on IBM Cloud
Catalog settings
Catalog
internet of things
Internet of Things Platform
Fortinet FortiGate Next-Generation Firewall - Single VM
Fortinet FortiGate Next-Generation Firewall - A/P HA
IBM High Availability infrastructure for 3-tier MZR
IBM High Availability infrastructure for 3-tier SAZ
Databases for Elasticsearch
AI / Machine Learning (17)
Analytics (10)
Blockchain (1)
Databases (28)
Developer tools (25)
Alphabetically
customize the Spark runtimes to satisfy the requirements of your application.
Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported
AnonTech ViziVault Platform
By Anon Technology, Inc.
Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault
Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported
API Connect
By IBM
An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises and on the cloud.
Lite • Free • EU Supported • IAM-enabled • IBM supported
26°C
Rain to stop
ENG
IN
18:40
08-11-2022

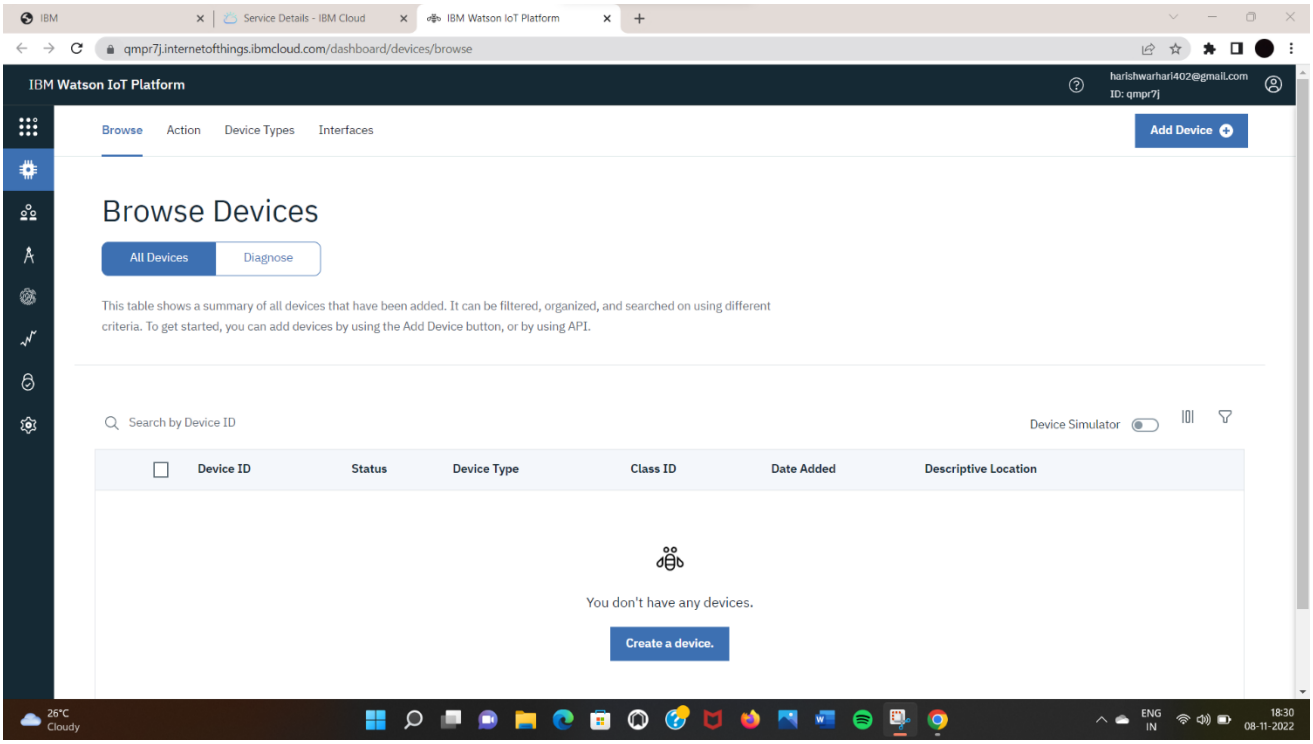
STEP 4:-


IBM Cloud
Search resources and products...
Catalog
Manage
Harishwar S's Account
Catalog /
Internet of Things Platform
This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.
Create
About
Type
Service
Provider
IBM
Last updated
08/15/2022
Category
Internet of Things
Compliance
IAM-enabled
Location
Frankfurt
London
Dallas
Washington DC
Related links
Docs
Terms
Select a location
Frankfurt (eu-de)
Select a pricing plan
Displayed prices do not include tax. Monthly prices shown are for country or location: United States
Plan
Features
Pricing
Lite
Includes up to 500 registered devices, and a maximum of 200 MB of each data metric
Maximum of 500 registered devices
Maximum of 500 application bindings
Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed
Free
The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.
Summary
Internet of Things Platform
Free
Location: Frankfurt
Plan: Lite
Service name: Internet of Things Platform-0r
Resource group: Default
Existing Lite plan instance
You can have only 1 Lite plan instance of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or view the existing instance.
I have read and agree to the following license agreements:
Terms
Create
Add to estimate

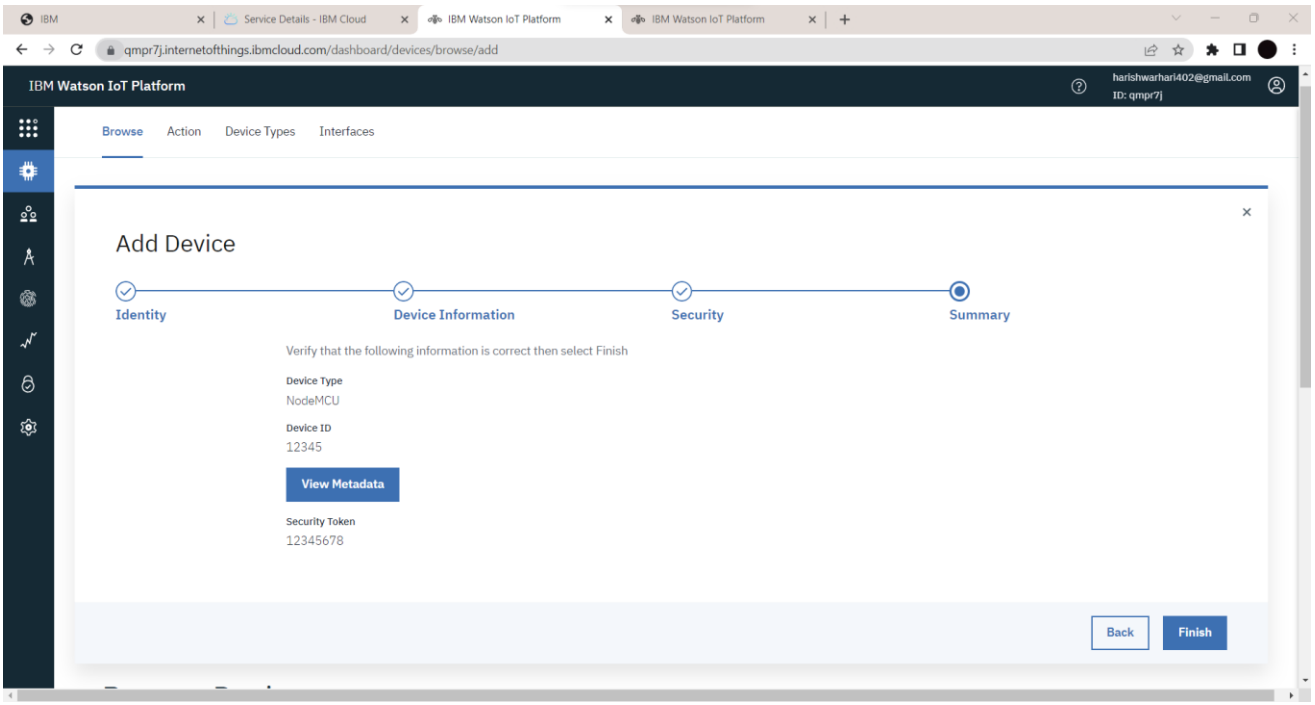
STEP 5:-


IBM Cloud
Search resources and products...
Catalog
Manage
Harishwar S's Account
Resource list /
Internet of Things Platform-bhkk
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
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
Production
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
Includes IBM Service & Support

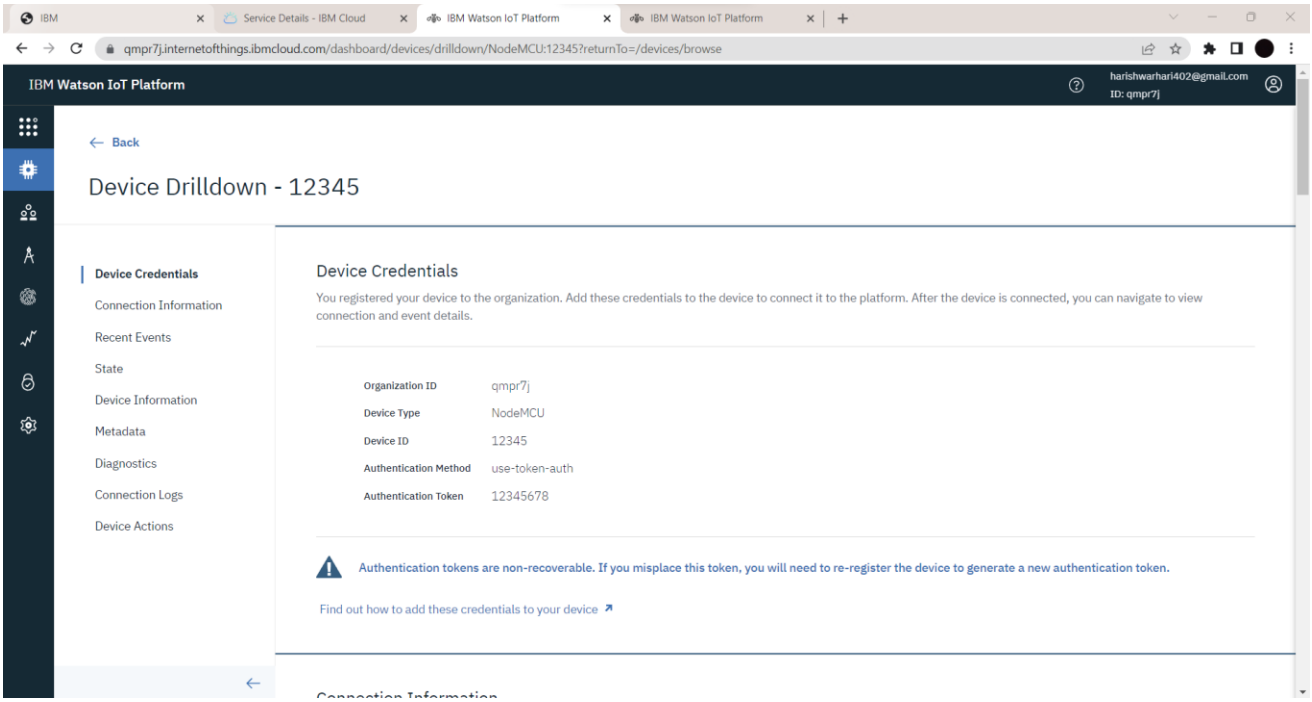
STEP 6:-


IBM Watson IoT Platform
harishwarhari402@gmail.com
ID: qmpr7j
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
You don't have any devices.
Create a device.

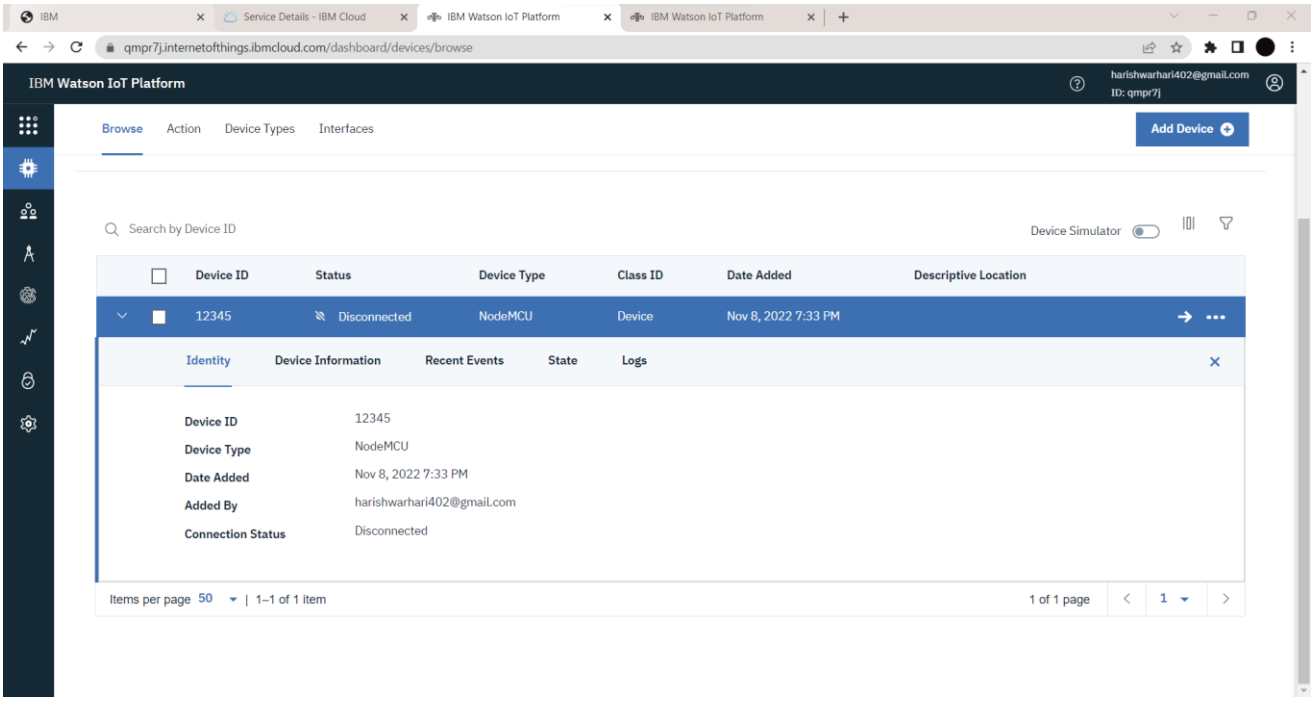
STEP 7:-


IBM Watson IoT Platform
harishwarhari402@gmail.com
ID: qmpr7j
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Verify that the following information is correct then select Finish
Device Type
NodeMCU
Device ID
12345
View Metadata
Security Token
12345678
Back
Finish

STEP 8:-


IBM Watson IoT Platform
harishwarhari402@gmail.com
ID: qmpr7j
Back
Device Drilldown - 12345
Device Credentials
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions
Device Credentials
You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.
Organization ID qmpr7j
Device Type NodeMCU
Device ID 12345
Authentication Method use-token-auth
Authentication Token 12345678
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.
Find out how to add these credentials to your device

STEP 9:-


IBM Watson IoT Platform
harishwarhari402@gmail.com
ID: qmpr7j
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
12345
Disconnected
NodeMCU
Device
Nov 8, 2022 7:33 PM
Identity
Device Information
Recent Events
State
Logs
Device ID 12345
Device Type NodeMCU
Date Added Nov 8, 2022 7:33 PM
Added By harishwarhari402@gmail.com
Connection Status Disconnected
Items per page 50
1–1 of 1 item
1 of 1 page