

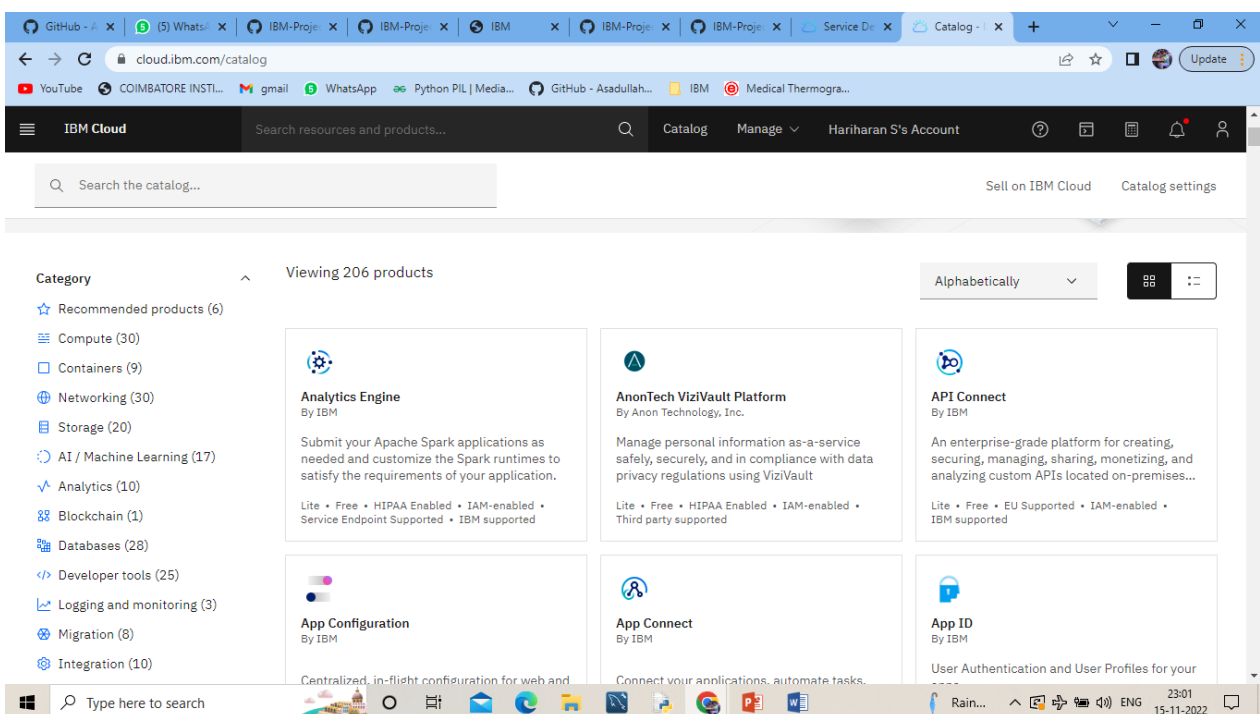
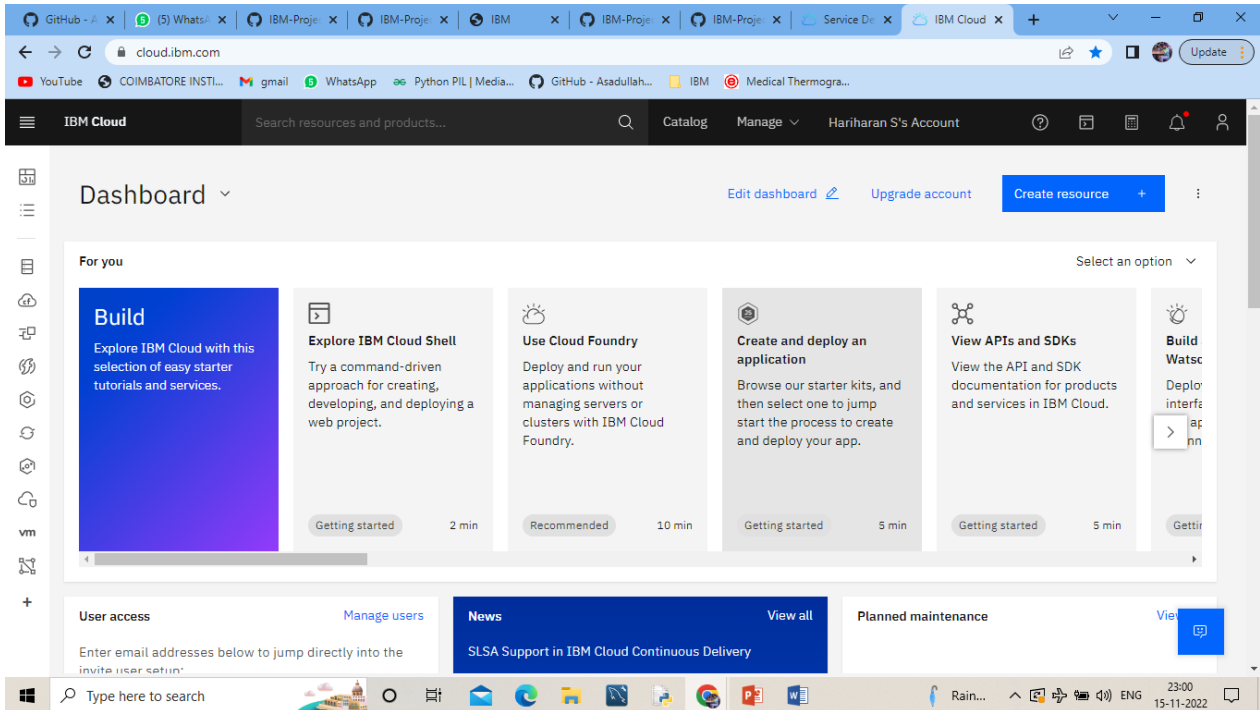
Sprint – 1(1)

Initializing resources

Team ID	PNT2022TMID52873
Project Name	Project - Signs with smart connectivity for Better road safety

Create and initialize accounts in various public APIs like OpenWeatherMap API, Node-red, IBM cloud.

IBM Watson IoT platform:



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

Select a location

London (eu-gb)

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	Free

Summary

Internet of Things Platform Free

Location: London

Plan: Lite

Service name: Internet of Things Platform-iy

Resource group: Default

☐ I have read and agree to the following license agreements: [Terms](#)

Create

Add to estimate

Internet of Things Platform-smart_sign_board 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 Non-Production Production

GitHub x (5) Wh x IBM-P x IBM-P x IBM x IBM-P x IBM-P x Service x IBM V x IBM C x Node x +

j4san9.internetofthings.ibmcloud.com/dashboard/devices/browse

Update

YouTube COIMBATORE INSTL... gmail WhatsApp Python PIL | Media... GitHub - Asadullah... IBM Medical Thermogra...

IBM Watson IoT Platform

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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 ☒ IDI

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	19004	Disconnected	NodeMCU	Device	Oct 28, 2022 10:02 AM

Items per page 50 | 1-1 of 1 item

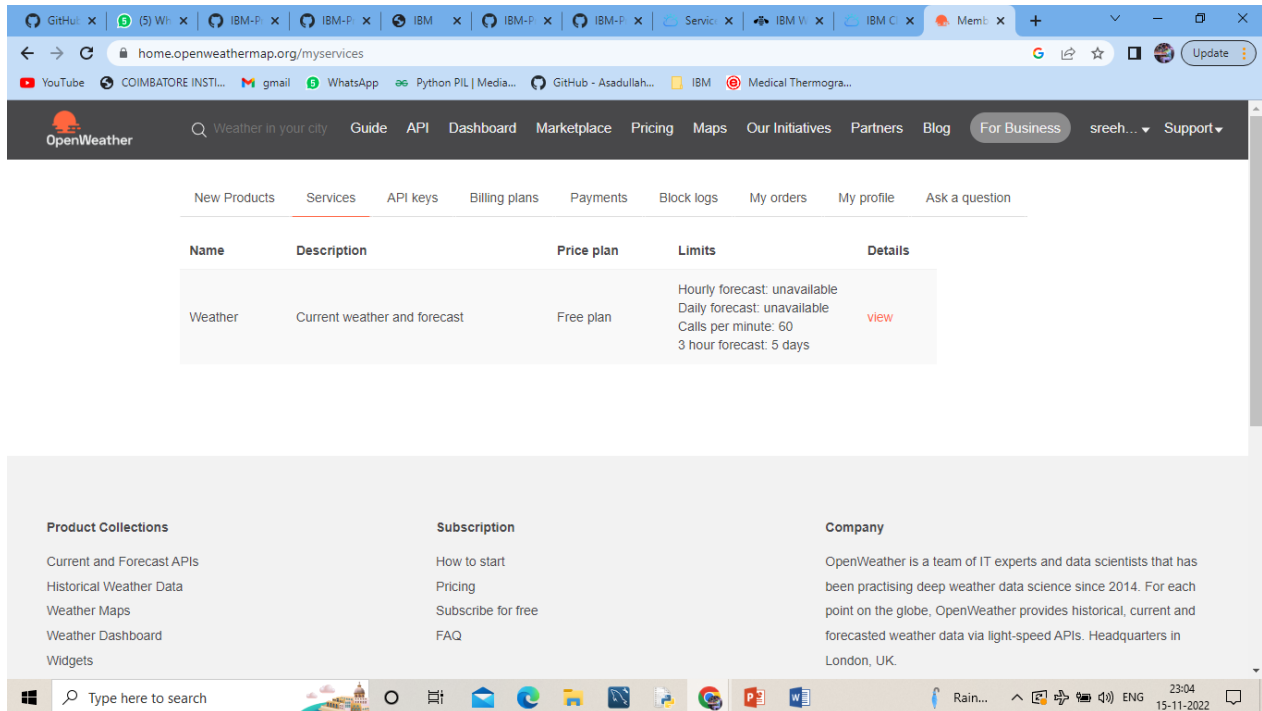
1 Simulation running

Type here to search

Rain...

23:09 15-11-2022

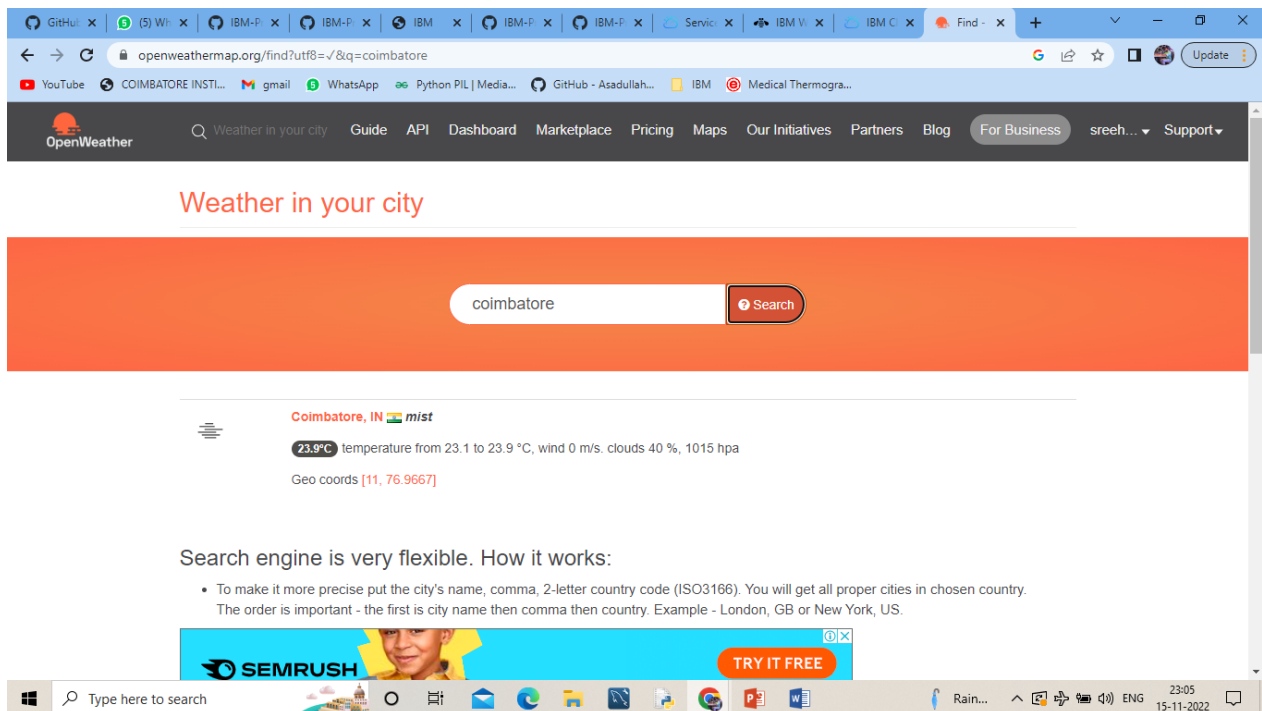
Open Weather map:



The screenshot shows the OpenWeather website's 'myservices' page. The navigation bar includes links to 'Weather in your city', 'Guide', 'API', 'Dashboard', 'Marketplace', 'Pricing', 'Maps', 'Our Initiatives', 'Partners', 'Blog', 'For Business', 'sreesh...', and 'Support'. Below the navigation bar, there is a table with the following columns: 'Name', 'Description', 'Price plan', 'Limits', and 'Details'.

Name	Description	Price plan	Limits	Details
Weather	Current weather and forecast	Free plan	Hourly forecast: unavailable Daily forecast: unavailable Calls per minute: 60 3 hour forecast: 5 days	view

Below the table, there are three sections: 'Product Collections', 'Subscription', and 'Company'. The 'Product Collections' section lists 'Current and Forecast APIs', 'Historical Weather Data', 'Weather Maps', 'Weather Dashboard', and 'Widgets'. The 'Subscription' section lists 'How to start', 'Pricing', 'Subscribe for free', and 'FAQ'. The 'Company' section describes OpenWeather as a team of IT experts and data scientists that has been practicing deep weather data science since 2014.



The screenshot shows the OpenWeather website's 'Weather in your city' page. The page has a search bar with the text 'coimbatore' and a 'Search' button. Below the search bar, the current weather for Coimbatore, IN is displayed. The weather is 'mist' with a temperature of 23.9°C. The temperature range is from 23.1 to 23.9 °C, wind is 0 m/s, clouds are 40 %, and hpa is 1015. The geo coordinates are [11, 76.9667].

Search engine is very flexible. How it works:

- To make it more precise put the city's name, comma, 2-letter country code (ISO3166). You will get all proper cities in chosen country. The order is important - the first is city name then comma then country. Example - London, GB or New York, US.

A SEMRUSH banner is visible at the bottom of the page.

Web application using Node - RED service:

The screenshot shows the IBM Cloud console interface for a Node-RED application. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Hariharan S's Account). The main content area is titled "Node RED CDRGZ 2022-11-14" and shows the application is "Running". A sidebar on the left lists navigation options: Getting started, Overview (selected), Runtime, Connections, Logs, API Management, and Autoscaling. The main panel displays several metrics: "Instances" shows 1 instance running with 100% health; "Runtime" shows a donut chart for memory usage (256 MB total allocation, 1.75 GB still available); "Runtime cost" shows the current and estimated cost; and "Connections (1)" shows a single connection to a cloudant database. The bottom of the console shows a Windows taskbar with various application icons and the system clock.

The screenshot shows the Node-RED web interface running on IBM Cloud. The browser address bar displays the URL "node-red-cdrgz-2022-11-14.eu-gb.mybluemix.net". The main content area features a large red banner with the text "Node-RED" and "Flow-based programming for the Internet of Things". Below the banner, there is a section titled "Node-RED on IBM Cloud" which includes a description of the tool and a link to "Go to your Node-RED flow editor". The bottom of the page shows a Windows taskbar with various application icons and the system clock.

node-red-cdrgz-2022-11-14.eu-gb.mybluemix.net/red/#flow/f0ac94afe7b05a87

Node-RED

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function

msg.payload

debug

all nodes

all

Type here to search

23:08 15-11-2022