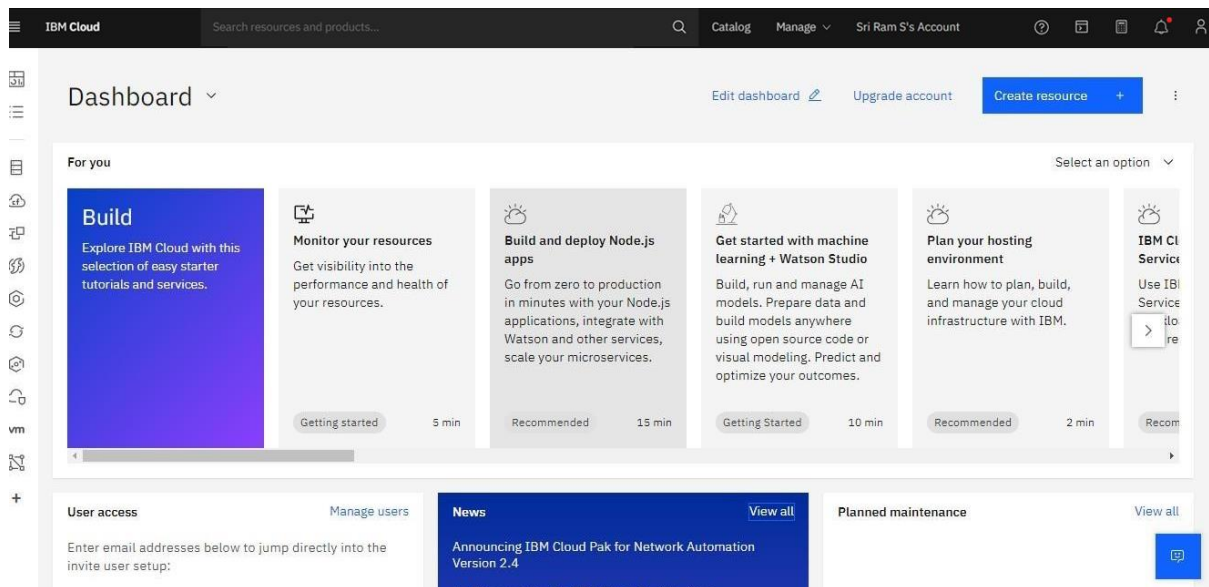
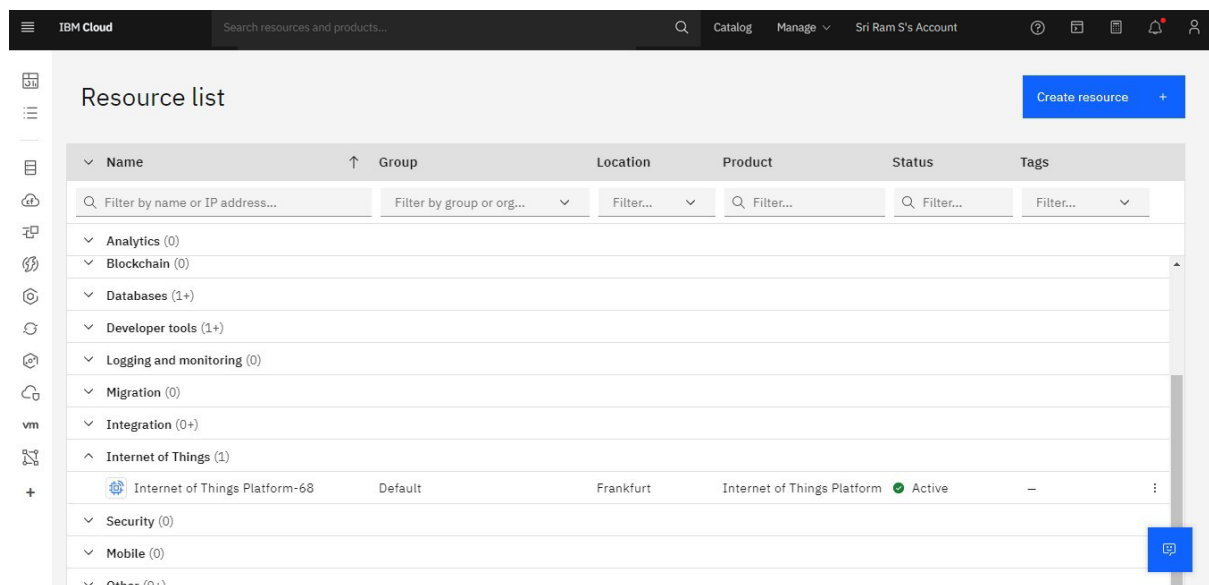


CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	13 NOVEMBER 2022
Team ID:	PNT2022TMID05347
Project Name:	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES



The screenshot shows the IBM Cloud Dashboard. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Sri Ram S's Account). The dashboard features a 'For you' section with several cards: 'Build' (Explore IBM Cloud with this selection of easy starter tutorials and services), 'Monitor your resources' (Get visibility into the performance and health of your resources), 'Build and deploy Node.js apps' (Go from zero to production in minutes with your Node.js applications, integrate with Watson and other services, scale your microservices), 'Get started with machine learning + Watson Studio' (Build, run and manage AI models. Prepare data and build models anywhere using open source code or visual modeling. Predict and optimize your outcomes), 'Plan your hosting environment' (Learn how to plan, build, and manage your cloud infrastructure with IBM), and 'IBM Cloud Service' (Use IBM Cloud Service to re...). Below this, there are sections for 'User access' (Manage users), 'News' (Announcing IBM Cloud Pak for Network Automation Version 2.4), and 'Planned maintenance' (View all).



The screenshot shows the IBM Cloud Resource list. The top navigation bar is the same as the dashboard. The main section is titled 'Resource list' and includes a 'Create resource' button. Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. The table has a search bar and filter options. The resources listed are: Analytics (0), Blockchain (0), Databases (1+), Developer tools (1+), Logging and monitoring (0), Migration (0), Integration (0+), Internet of Things (1), Internet of Things Platform-68 (Default, Frankfurt, Internet of Things Platform, Active), Security (0), Mobile (0), and Other (0+).

IBM Cloud

Search resources and products...

Catalog

Manage

Sri Ram S's Account

?

Search the catalog...

Sell on IBM Cloud

Catalog settings

Internet of Things

Alphabetically

Type

All

Services

Software

Professional services

Provider

IBM (1)


Pricing plan

Lite

Free

Viewing 1 product

Filters: Internet of Things Services Clear all



Internet of Things Platform

By IBM

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.

Lite • Free • IAM-enabled • IBM supported

IBM Cloud

Search resources and products...

Catalog

Manage

Sri Ram S's Account

?

Resource list /

Internet of Things Platform-xl

Active

Add tags

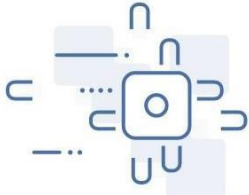
Details

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

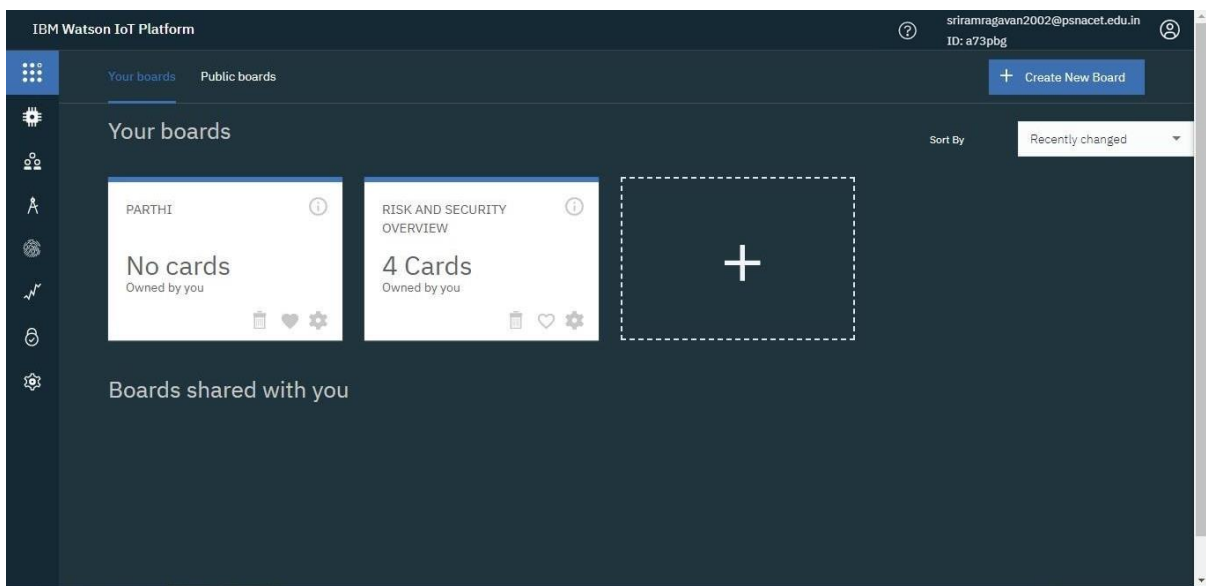
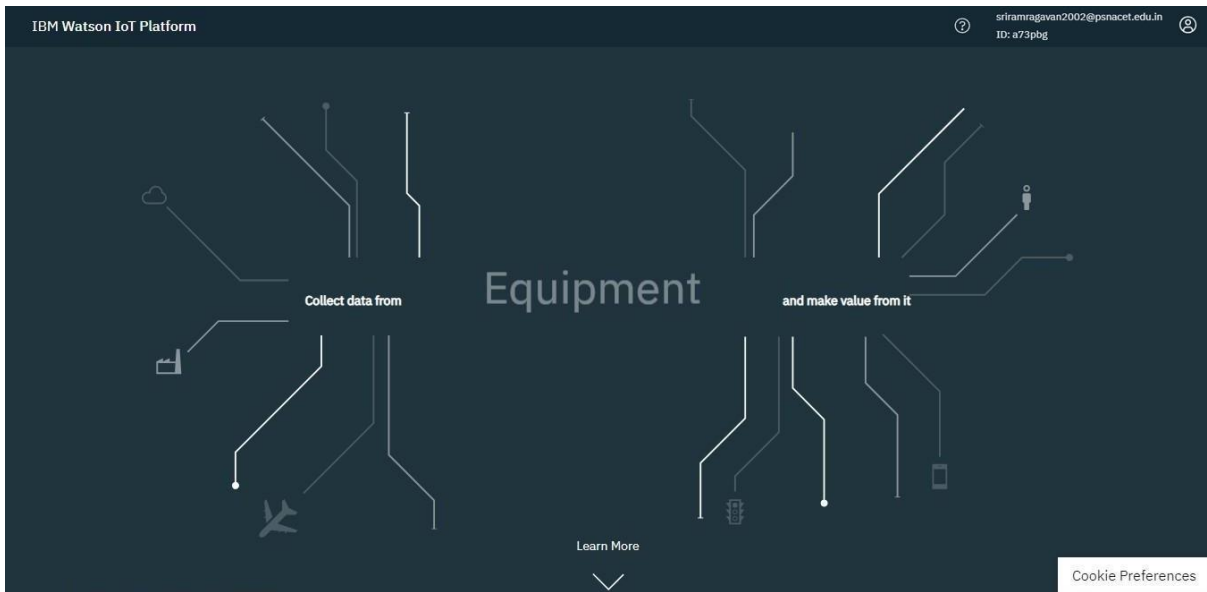
Non-Production

Production

The Lite service plan provides a lightweight development environment to get you started

The Non-Production service plan is a full-featured, fully-integrated offering that enables

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



IBM Watson IoT Platform

sriramgavan2002@psnacet.edu.in
ID: a73pbg

← Back

Device Drilldown - 1234

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device ID1234

Device TypeTestDeviceType

Date AddedNov 2, 2022 10:24 AM

Added Byparthipalanivel22@psnacet.edu.in

Connection StatusDisconnected

Recent Events

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
-------	-------	--------	---------------

IBM Watson IoT Platform

Device Type: TestDeviceType

General Settings

Here you can see and modify global organization information and locally enable experimental W

PLATFORM

About

Identity

Experimental Features

Last Event Cache

Client Connection State API

DATA AND DEVICES

Custom Device Management Packages

Device Simulator

Client Connection State API

The Client Connection State API provides client conn
documentation.

Activate Client Connection State API

Custom Device Management Packages

Events 1

New event type +

Event type nameevent_1

Send

Schedule

20

Every Minute

Payload

Specify the event payload in the editor window or by uploading a CSV file.

0 {

1 "temperature": random(0, 100),

2 "Humidity": random(0, 100)

3 }

4

Upload a CSV file

Cancel

Save

IBM Watson IoT Platform

General Settings

Here you can see and modify global organization information and locally enable experimental W

PLATFORM

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DATA AND DEVICES

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Device Simulator

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The Client Connection State API provides client conn
[documentation.](#)

Activate Client Connection State API ☐

Custom Device Management Packages

Simulations

[Import/Export simulation](#)

1/50 Simulations Running

+ New Simulation

Device Type

TestDeviceType

1 Event ☐

1 Device

1234

1 x

Create Simulated Device

Use Registered Device

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device +

Delete

1 item selected

Cancel

Device ID	Status	Device Type	Class ID	Date Added
1234	Disconnected	TestDeviceType	Device	Nov 2, 2022 10:24 AM

Identity

Device Information

Recent Events

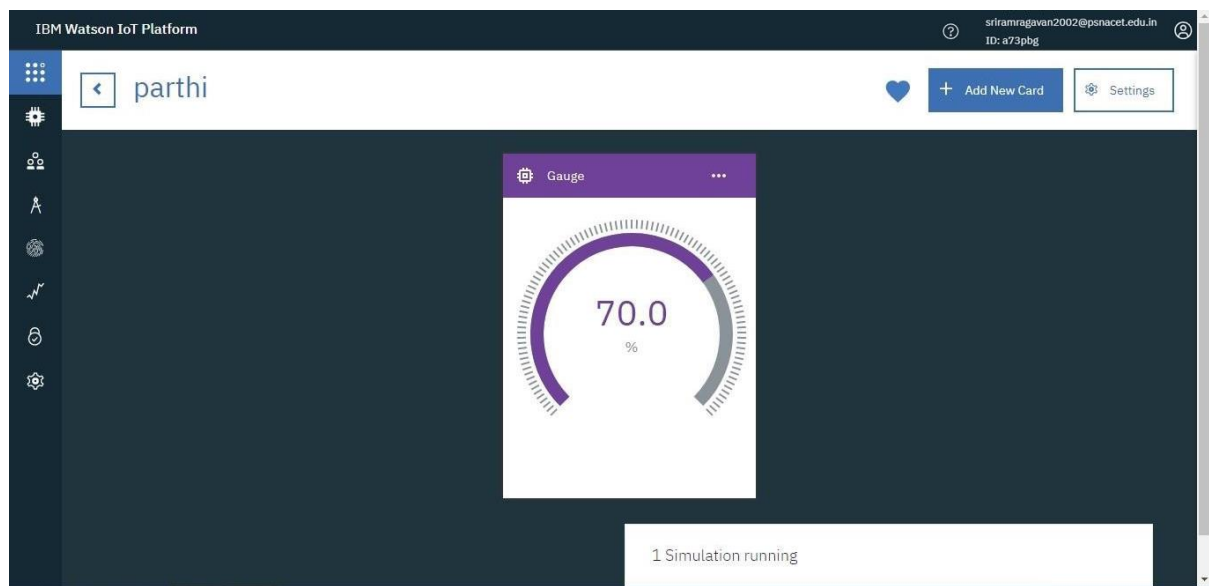
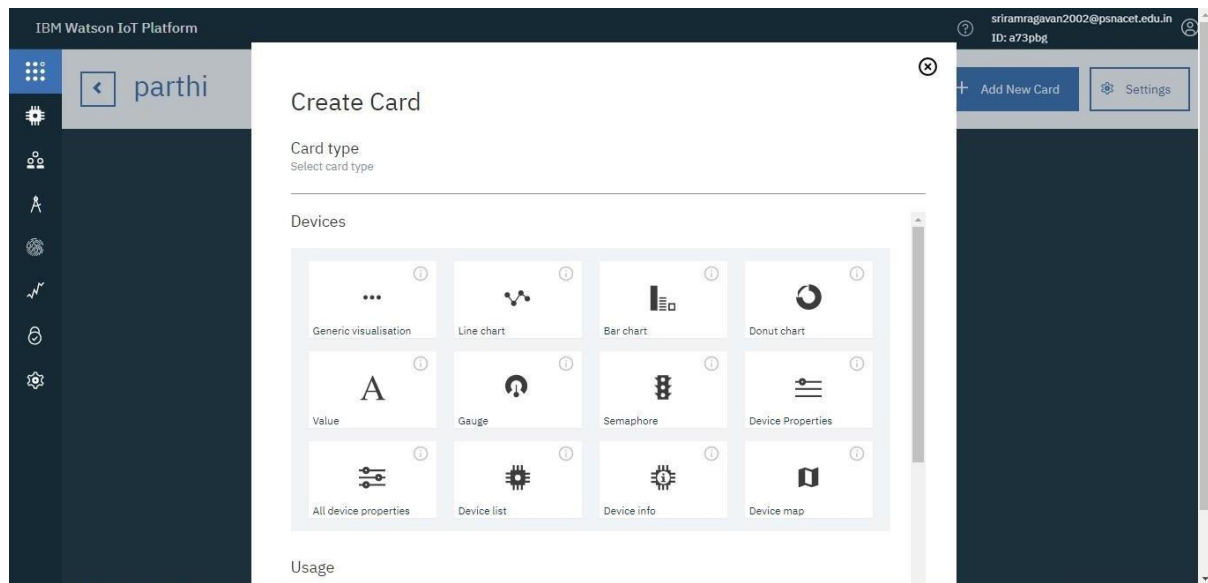
State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"temperature":37,"Humidity":52}	json	a few seconds ago
event_1	{"temperature":65,"Humidity":36}	json	a few seconds ago
event_1	{"temperature":57,"Humidity":8}	json	a few seconds ago
event_1	{"temperature":17,"Humidity":65}	json	a few seconds ago

1 Simulation running



Result: An IBM Watson cloud for IoT and a device is created successfully.