# DEVELOP A WEB APPLICATION USIN NODE RED SERVICE


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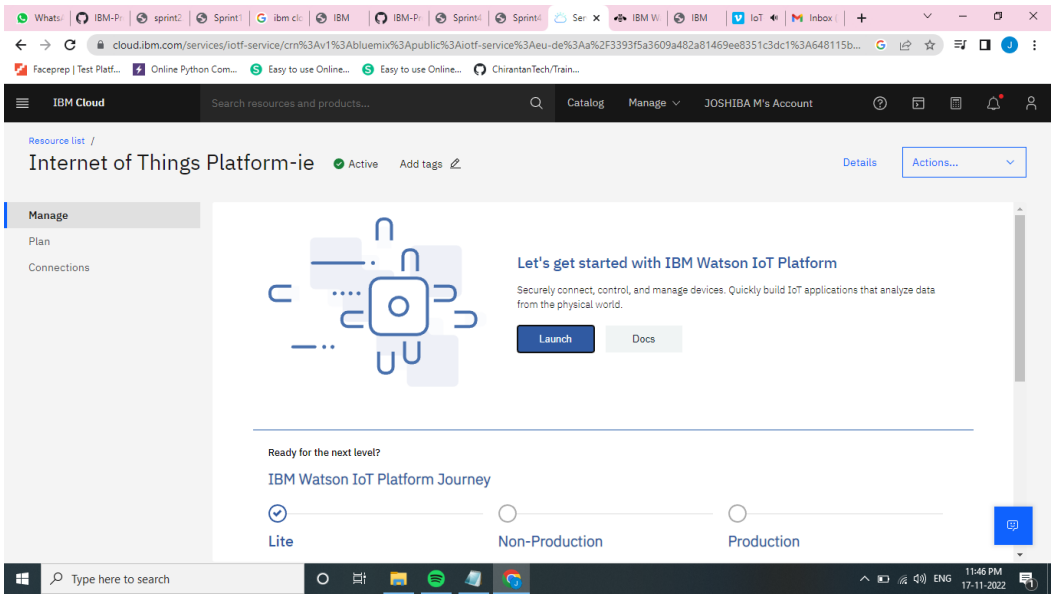
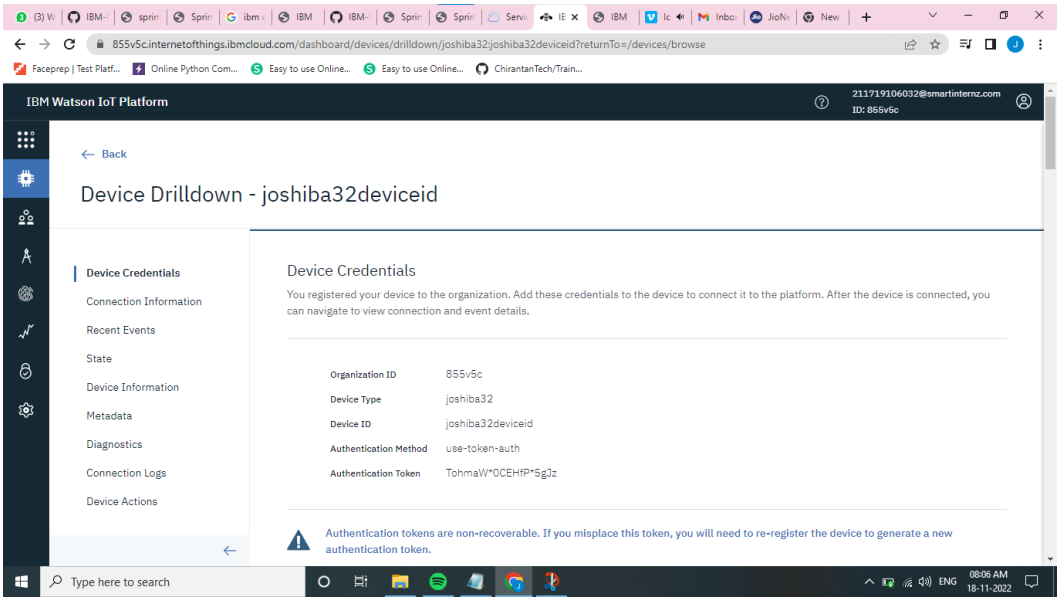
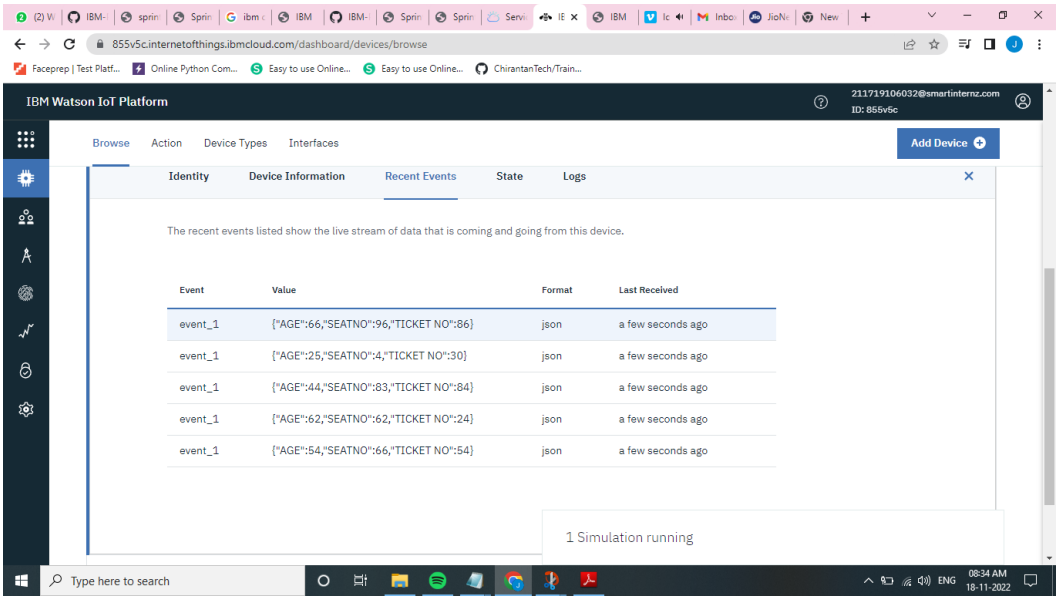
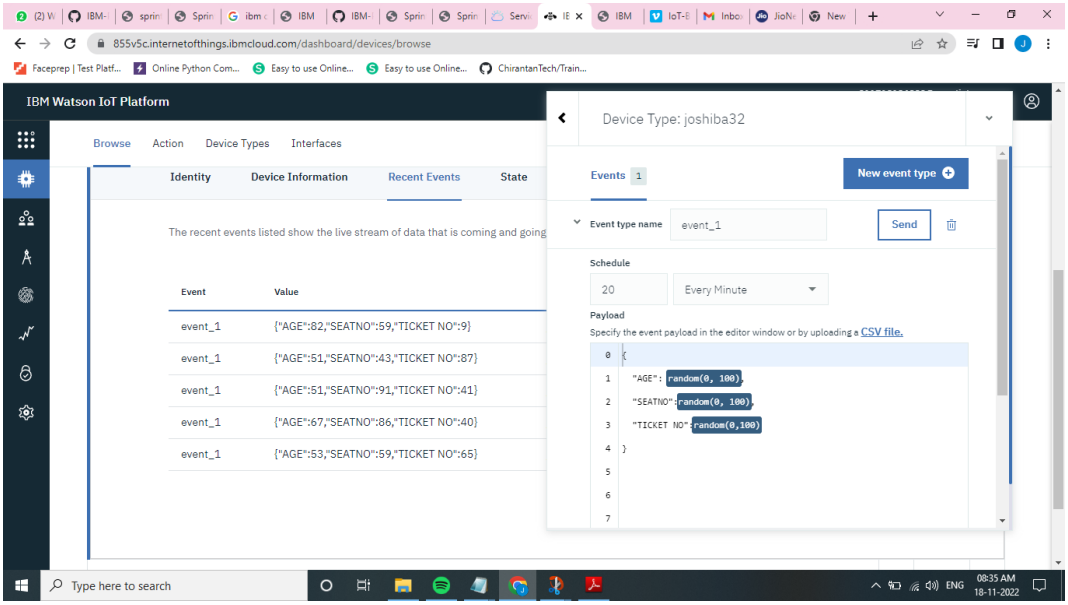
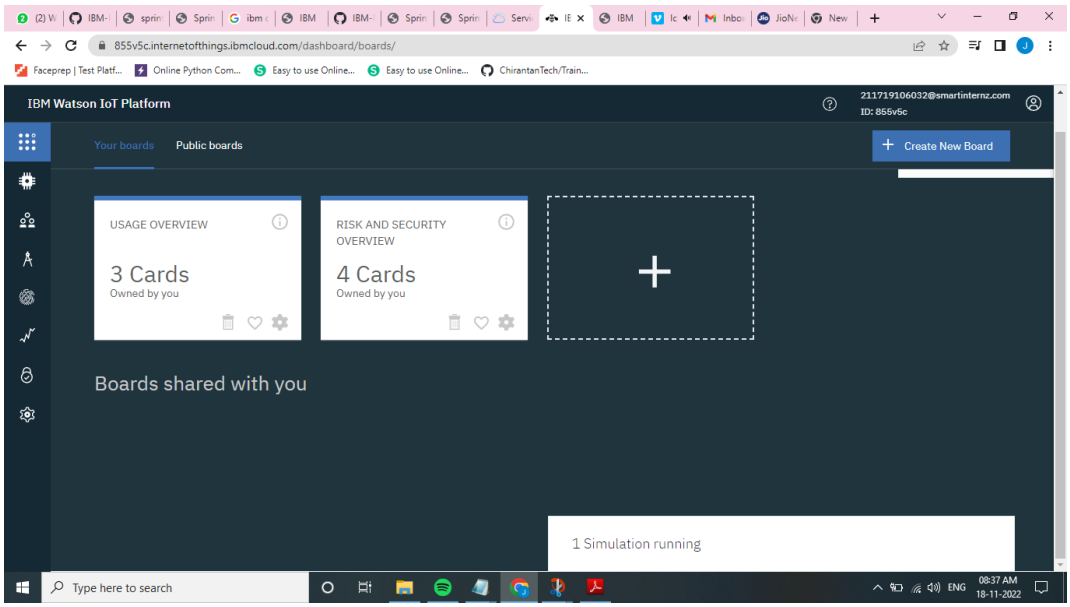
**Hariharasudhan A**
**Irfanshakil S**
**Joshiba M**

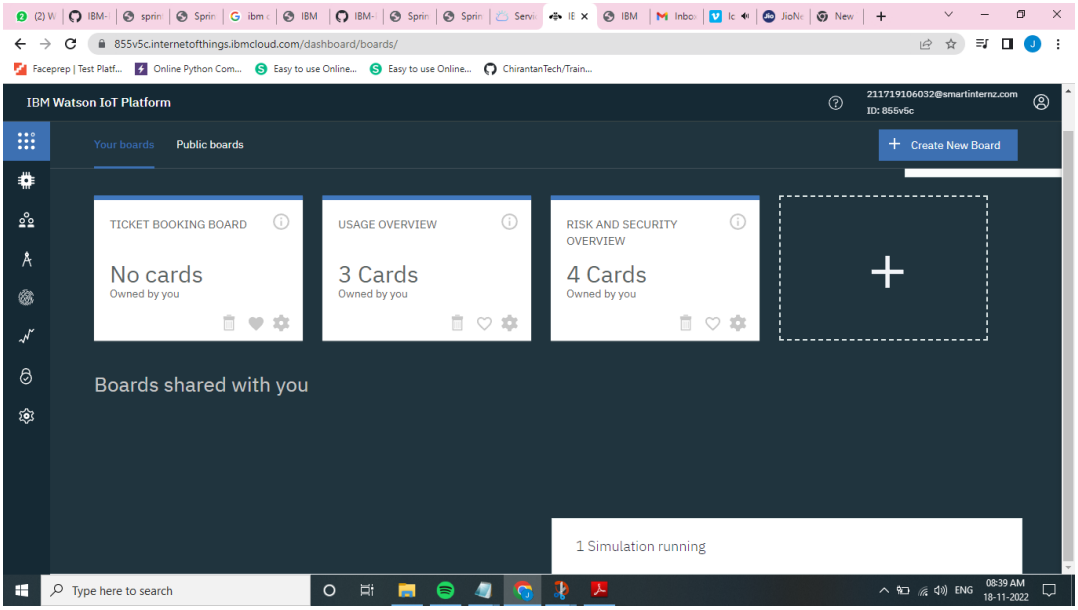



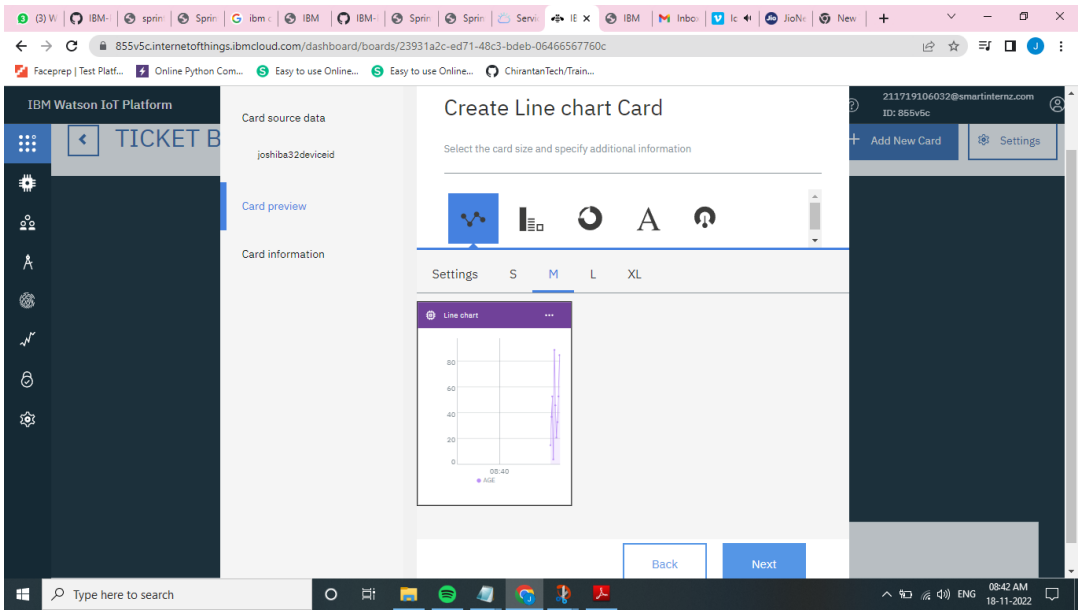



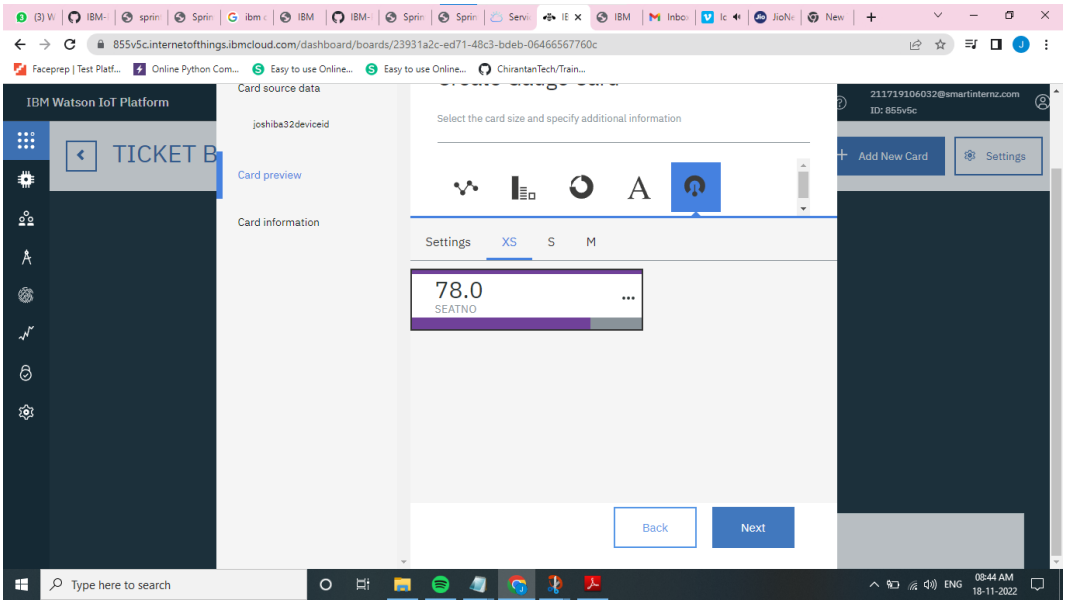

855v5c.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1 {"AGE":66,"SEATNO":96,"TICKET NO":86} json a few seconds ago
event_1 {"AGE":25,"SEATNO":4,"TICKET NO":30} json a few seconds ago
event_1 {"AGE":44,"SEATNO":83,"TICKET NO":84} json a few seconds ago
event_1 {"AGE":62,"SEATNO":62,"TICKET NO":24} json a few seconds ago
event_1 {"AGE":54,"SEATNO":66,"TICKET NO":54} json a few seconds ago
1 Simulation running
Type here to search
08:34 AM
18-11-2022

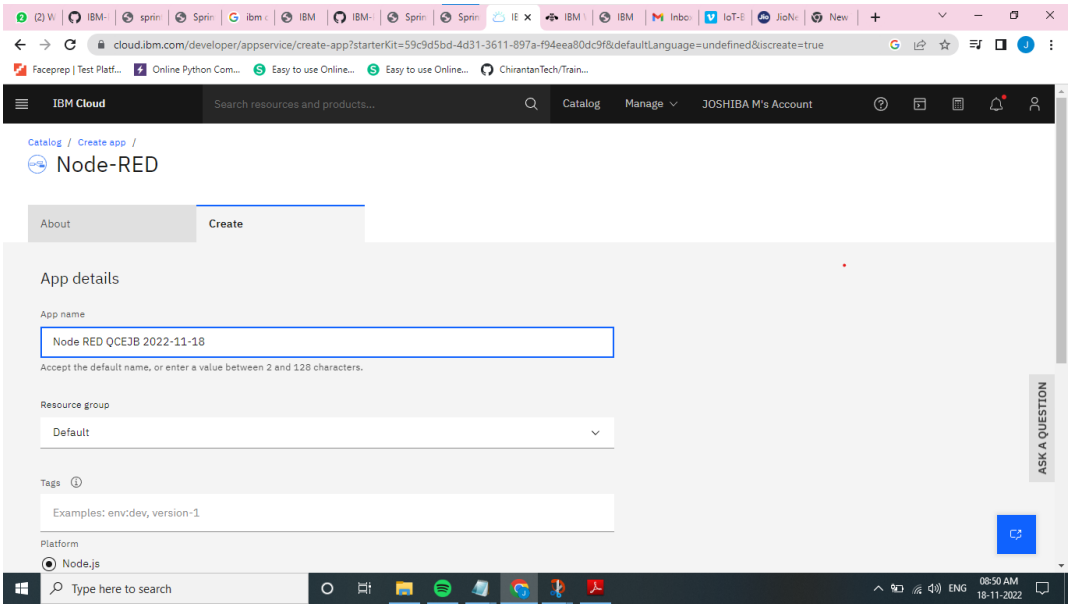

855v5c.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Identity
Device Information
Recent Events
State
The recent events listed show the live stream of data that is coming and going
Event
Value
event_1 {"AGE":82,"SEATNO":59,"TICKET NO":9}
event_1 {"AGE":51,"SEATNO":43,"TICKET NO":87}
event_1 {"AGE":51,"SEATNO":91,"TICKET NO":41}
event_1 {"AGE":67,"SEATNO":86,"TICKET NO":40}
event_1 {"AGE":53,"SEATNO":59,"TICKET NO":65}
Device Type: joshiba32
Events 1
New event type
Event type name
event_1
Send
Schedule
20
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"AGE": random(0, 100),
"SEATNO": random(0, 100),
"TICKET NO": random(0,100)
}
Type here to search
08:35 AM
18-11-2022

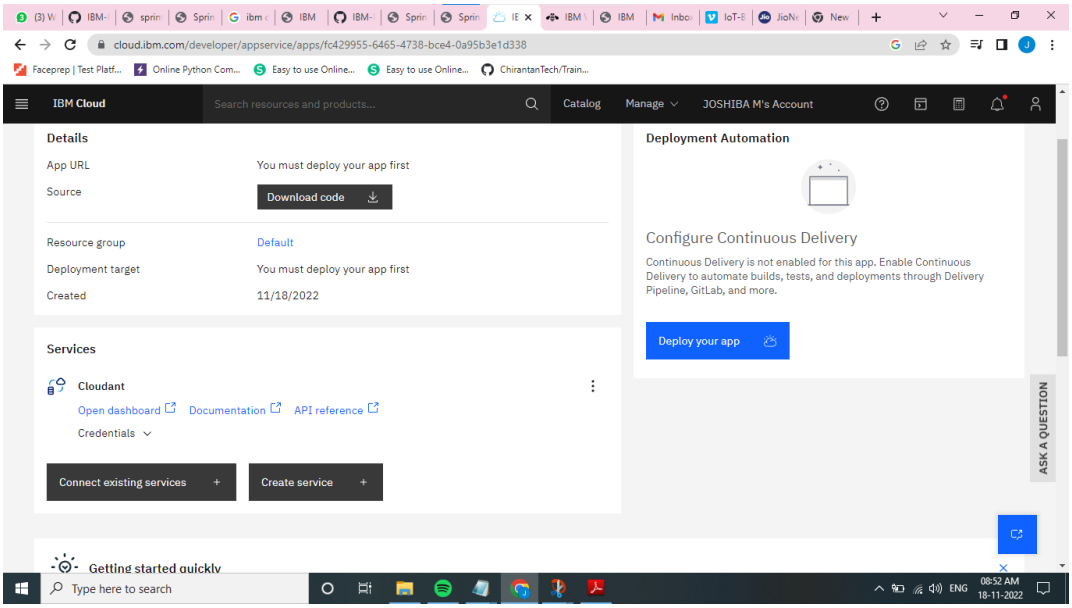

855v5c.internetofthings.ibmcloud.com/dashboard/boards/
IBM Watson IoT Platform
211719106032@smartinternz.com
ID: 855v5c
Your boards
Public boards
Create New Board
USAGE OVERVIEW
3 Cards
Owned by you
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you
1 Simulation running
Type here to search
ENG
08:37 AM
18-11-2022

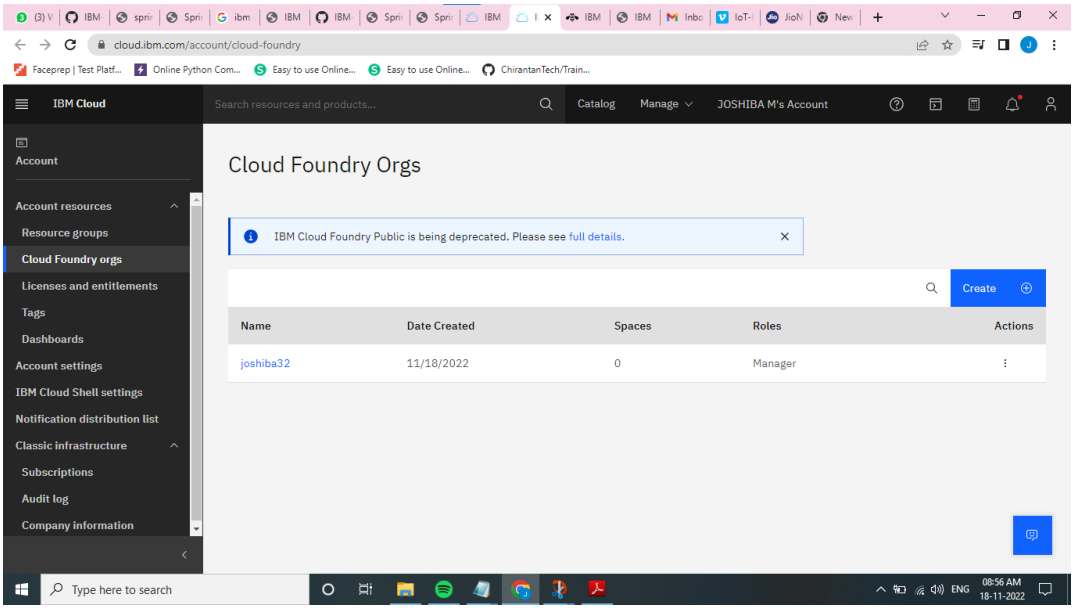

855v5c.internetofthings.ibmcloud.com/dashboard/boards/
IBM Watson IoT Platform
211719106032@smartinternz.com
ID: 855v5c
Your boards
Public boards
Create New Board
TICKET BOOKING BOARD
No cards
Owned by you
USAGE OVERVIEW
3 Cards
Owned by you
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you
1 Simulation running
Type here to search
ENG
08:39 AM
18-11-2022

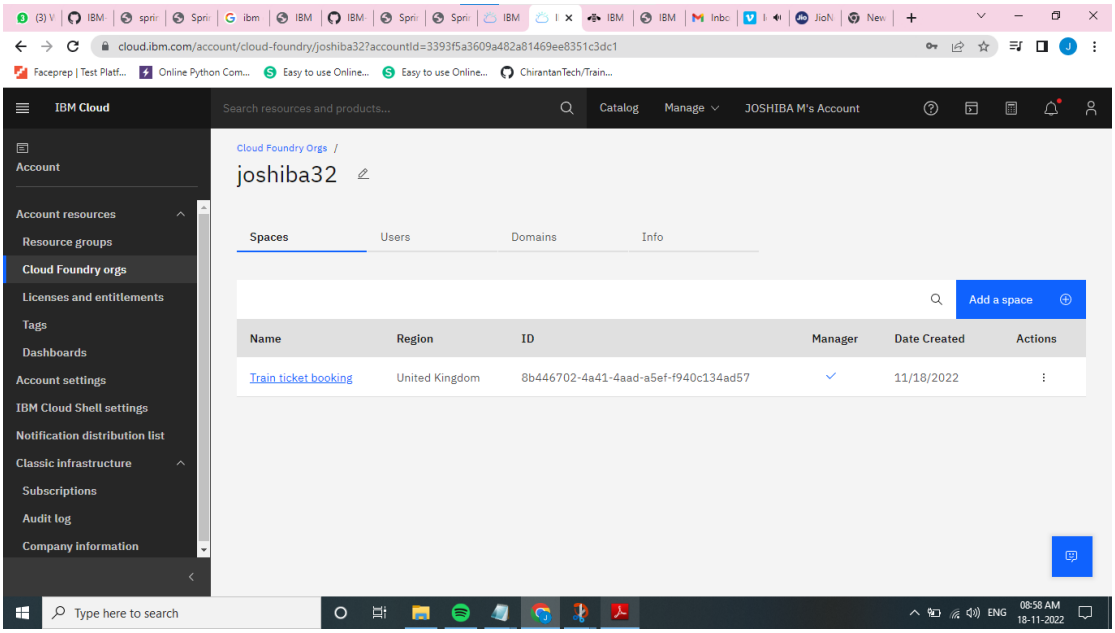

855v5c.internetofthings.ibmcloud.com/dashboard/boards/23931a2c-ed71-48c3-bdeb-06466567760c
IBM Watson IoT Platform
Card source data
joshiba32deviceid
Card preview
Card information
Create Line chart Card
Select the card size and specify additional information
Settings
S
M
L
XL
Line chart
Back
Next
211719106032@smartinternz.com
ID: 855v5c
Add New Card
Settings
Type here to search
ENG
08:42 AM
18-11-2022

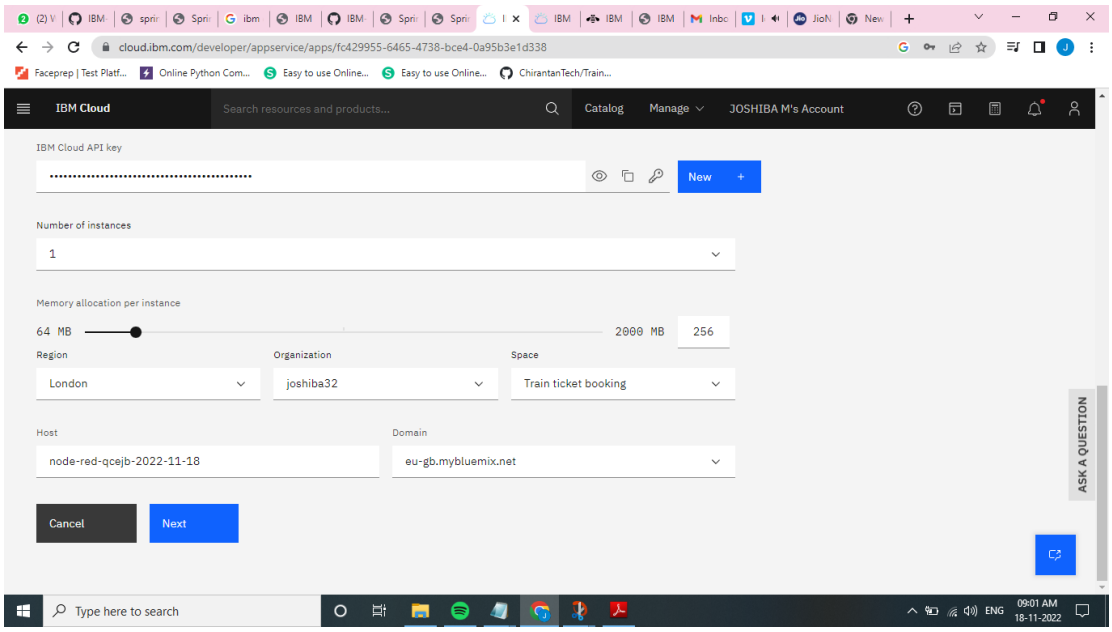

IBM Watson IoT Platform
TICKET B
Card source data
joshiba32deviceid
Card preview
Card information
Select the card size and specify additional information
Settings
XS
S
M
78.0
SEATNO
Back
Next
Add New Card
Settings
Type here to search

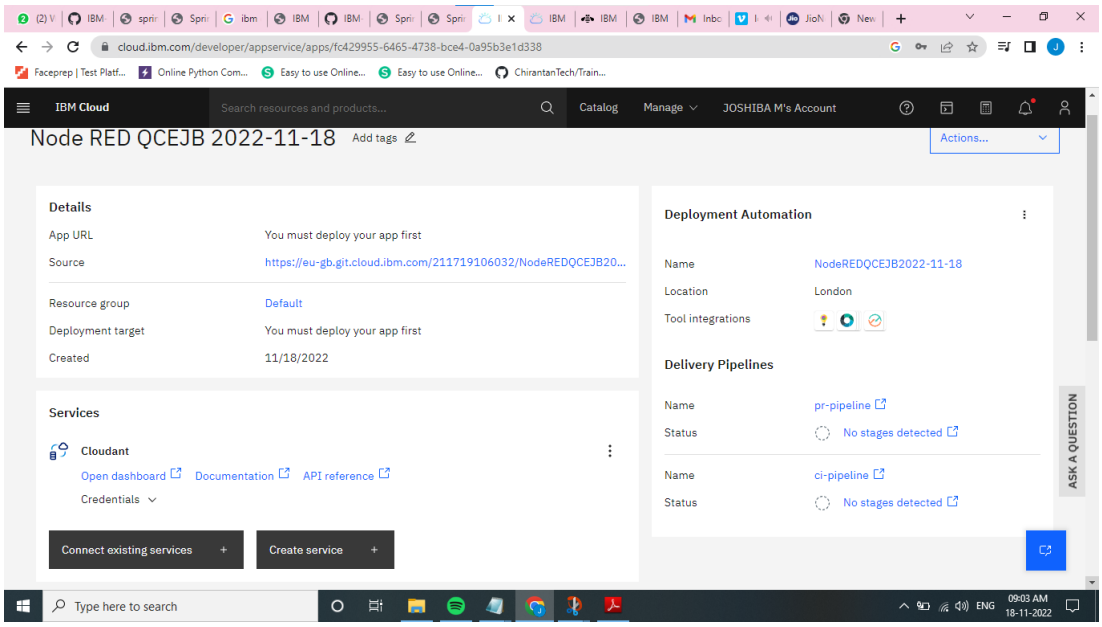

IBM Cloud
Search resources and products...
Catalog
Manage
JOSHIBA M's Account
Catalog / Create app /
Node-RED
About
Create
App details
App name
Node RED QCEJB 2022-11-18
Accept the default name, or enter a value between 2 and 128 characters.
Resource group
Default
Tags
Examples: env:dev, version-1
Platform
Node.js
ASK A QUESTION
Type here to search

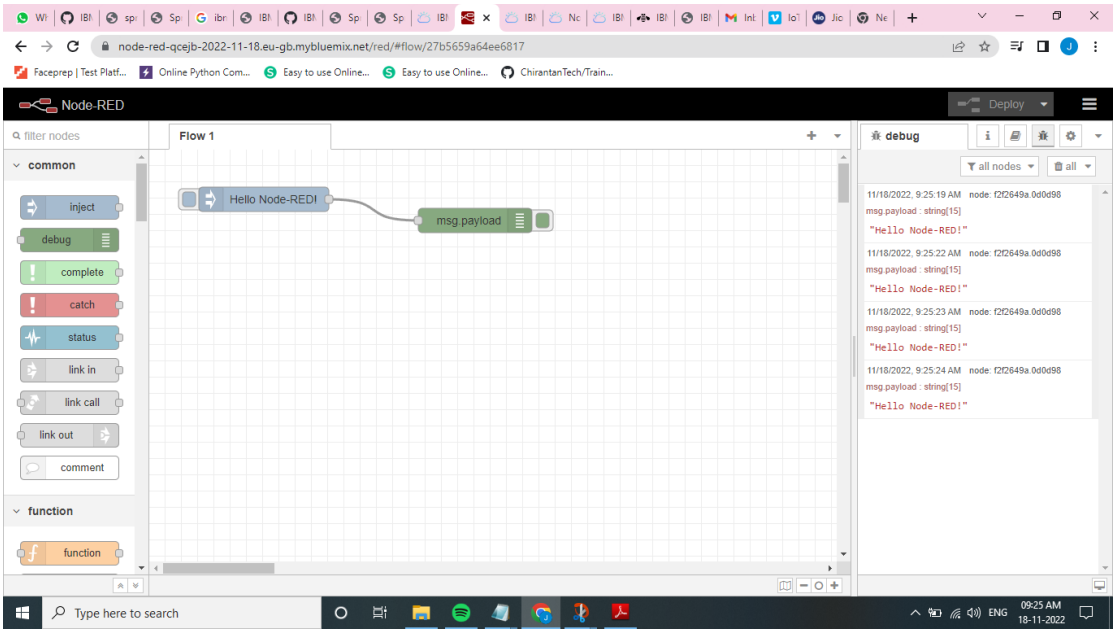

IBM Cloud
Search resources and products...
Catalog
Manage
JOSHIBA M's Account
Details
App URL
You must deploy your app first
Source
Download code
Resource group
Default
Deployment target
You must deploy your app first
Created
11/18/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Configure Continuous Delivery
Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.
Deploy your app
ASK A QUESTION
Getting started quickly
Type here to search

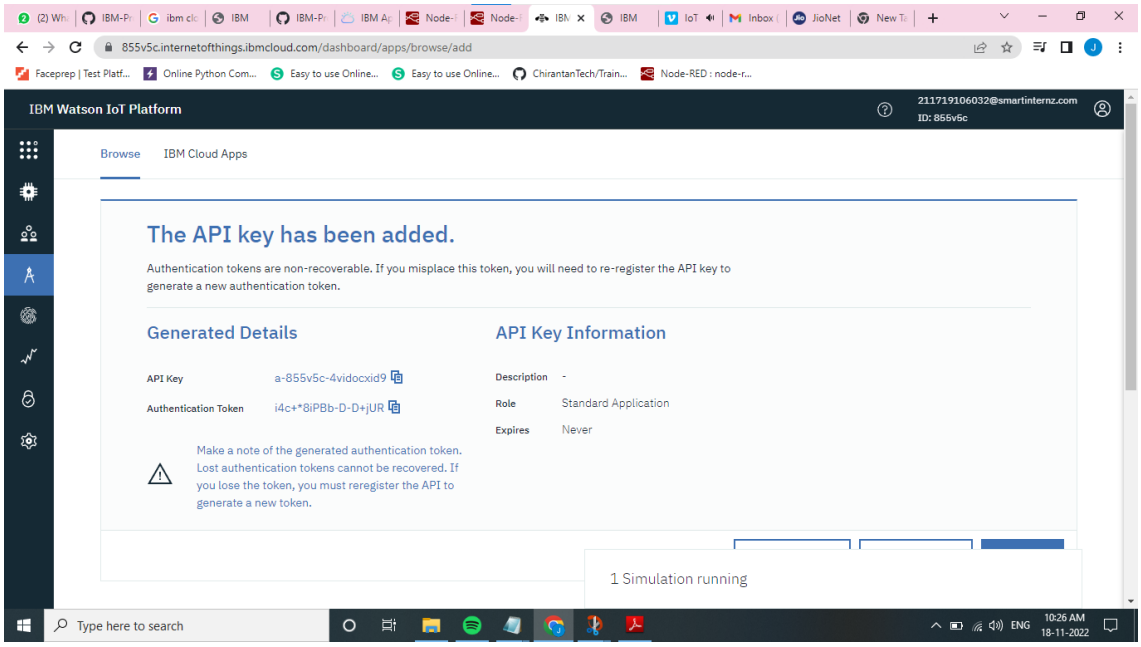

cloud.ibm.com/account/cloud-foundry
IBM Cloud
Search resources and products...
Catalog
Manage
JOSHIBA M's Account
Account
Account resources
Resource groups
Cloud Foundry orgs
Licenses and entitlements
Tags
Dashboards
Account settings
IBM Cloud Shell settings
Notification distribution list
Classic infrastructure
Subscriptions
Audit log
Company information
Cloud Foundry Orgs
IBM Cloud Foundry Public is being deprecated. Please see full details.
Create
Name
Date Created
Spaces
Roles
Actions
joshiba32
11/18/2022
0
Manager
Type here to search
08:56 AM
18-11-2022

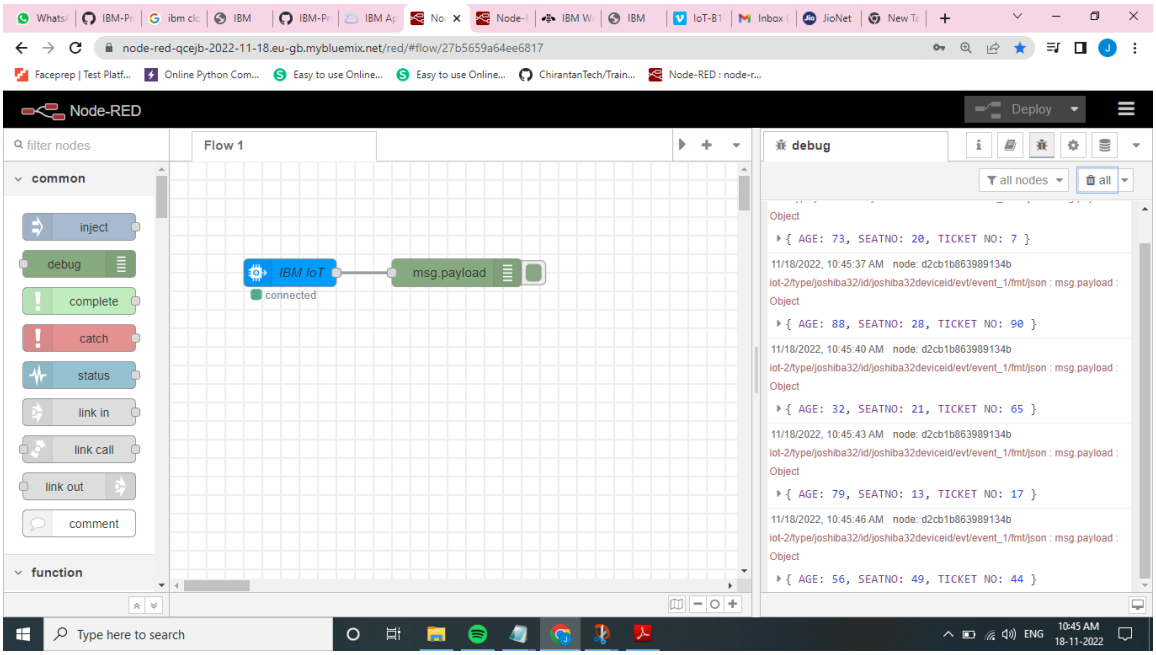

cloud.ibm.com/account/cloud-foundry/joshiba32?accountId=3393f5a3609a482a81469ee8351c3dc1
IBM Cloud
Search resources and products...
Catalog
Manage
JOSHIBA M's Account
Account
Account resources
Resource groups
Cloud Foundry orgs
Licenses and entitlements
Tags
Dashboards
Account settings
IBM Cloud Shell settings
Notification distribution list
Classic infrastructure
Subscriptions
Audit log
Company information
Cloud Foundry Orgs /
joshiba32
Spaces
Users
Domains
Info
Add a space
Name
Region
ID
Manager
Date Created
Actions
Train ticket booking
United Kingdom
8b446702-4a41-4aad-a5ef-f940c134ad57
11/18/2022
Type here to search
08:58 AM
18-11-2022


cloud.ibm.com/developer/appservice/apps/fc429955-6465-4738-bce4-0a95b3e1d338
IBM Cloud
Search resources and products...
Catalog
Manage
JOSHIBA M's Account
IBM Cloud API key
New
Number of instances
1
Memory allocation per instance
64 MB
2000 MB
256
Region
London
Organization
joshiba32
Space
Train ticket booking
Host
node-red-qcejb-2022-11-18
Domain
eu-gb.mybluemix.net
Cancel
Next
ASK A QUESTION
Type here to search
ENG
09:01 AM
18-11-2022


cloud.ibm.com/developer/appservice/apps/fc429955-6465-4738-bce4-0a95b3e1d338
IBM Cloud
Search resources and products...
Catalog
Manage
JOSHIBA M's Account
Node RED QCEJB 2022-11-18
Add tags
Actions...
Details
App URL
You must deploy your app first
Source
https://eu-gb.git.cloud.ibm.com/211719106032/NodeREDQCEJB20...
Resource group
Default
Deployment target
You must deploy your app first
Created
11/18/2022
Deployment Automation
Name
NodeREDQCEJB2022-11-18
Location
London
Tool integrations
Delivery Pipelines
Name
pr-pipeline
Status
No stages detected
Name
ci-pipeline
Status
No stages detected
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
ASK A QUESTION
Type here to search
ENG
09:03 AM
18-11-2022


node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/27b5659a64ee6817
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
Hello Node-RED!
msg.payload
debug
all nodes
11/18/2022, 9:25:19 AM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"
11/18/2022, 9:25:22 AM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"
11/18/2022, 9:25:23 AM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"
11/18/2022, 9:25:24 AM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"
Type here to search
ENG
09:25 AM
18-11-2022


855v5c.internetofthings.ibmcloud.com/dashboard/apps/browse/add
IBM Watson IoT Platform
211719106032@smartinternz.com
ID: 855v5c
Browse
IBM Cloud Apps
The API key has been added.
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the API key to generate a new authentication token.
Generated Details
API Key
a-855v5c-4vidocxid9
Authentication Token
i4c+*8iPBb-D-D+jUR
Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token.
API Key Information
Description
-
Role
Standard Application
Expires
Never
1 Simulation running
Type here to search
ENG
10:26 AM
18-11-2022


node-red-qcejb-2022-11-18.eu-gb.mybluemix.net/red/#flow/27b5659a64ee6817
Node-RED
Deploy
filter nodes
Flow 1
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
IBM IoT
connected
msg.payload
all nodes
all
Object
{ AGE: 73, SEATNO: 20, TICKET NO: 7 }
11/18/2022, 10:45:37 AM node: d2cb1b863989134b
iot-2/type/joshiba32/id/joshiba32deviceid/evt/event_1/fmt/json : msg.payload : Object
{ AGE: 88, SEATNO: 28, TICKET NO: 90 }
11/18/2022, 10:45:40 AM node: d2cb1b863989134b
iot-2/type/joshiba32/id/joshiba32deviceid/evt/event_1/fmt/json : msg.payload : Object
{ AGE: 32, SEATNO: 21, TICKET NO: 65 }
11/18/2022, 10:45:43 AM node: d2cb1b863989134b
iot-2/type/joshiba32/id/joshiba32deviceid/evt/event_1/fmt/json : msg.payload : Object
{ AGE: 79, SEATNO: 13, TICKET NO: 17 }
11/18/2022, 10:45:46 AM node: d2cb1b863989134b
iot-2/type/joshiba32/id/joshiba32deviceid/evt/event_1/fmt/json : msg.payload : Object
{ AGE: 56, SEATNO: 49, TICKET NO: 44 }
Type here to search
ENG
10:45 AM
18-11-2022