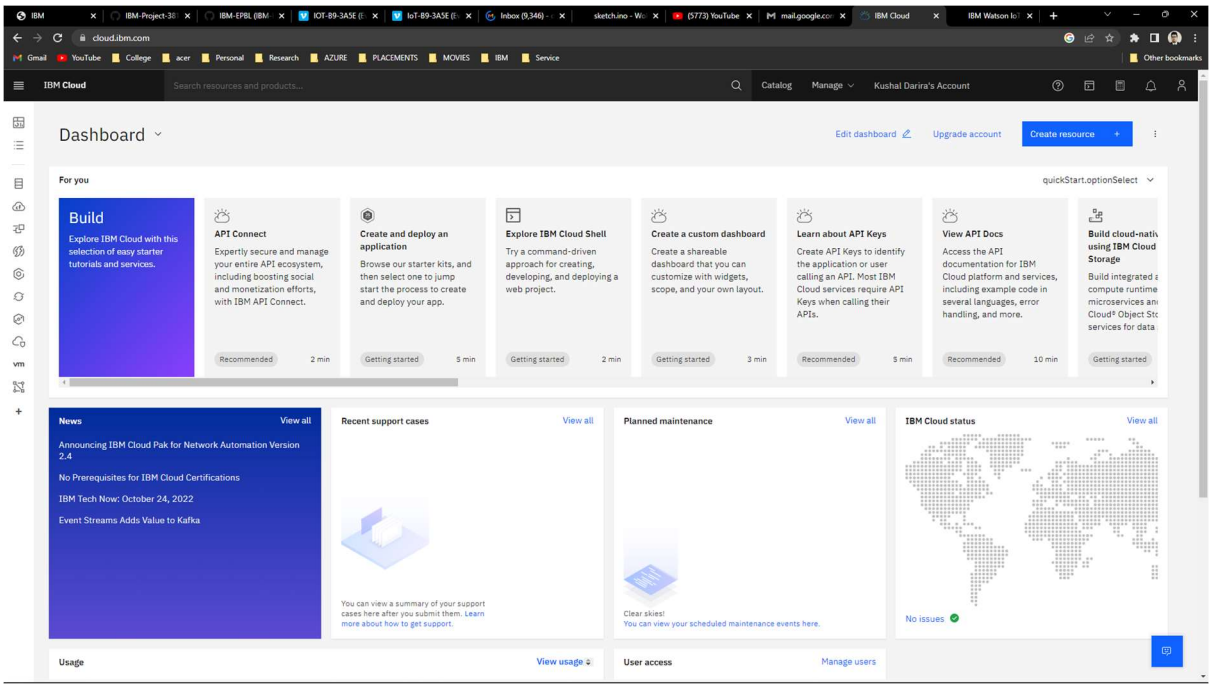
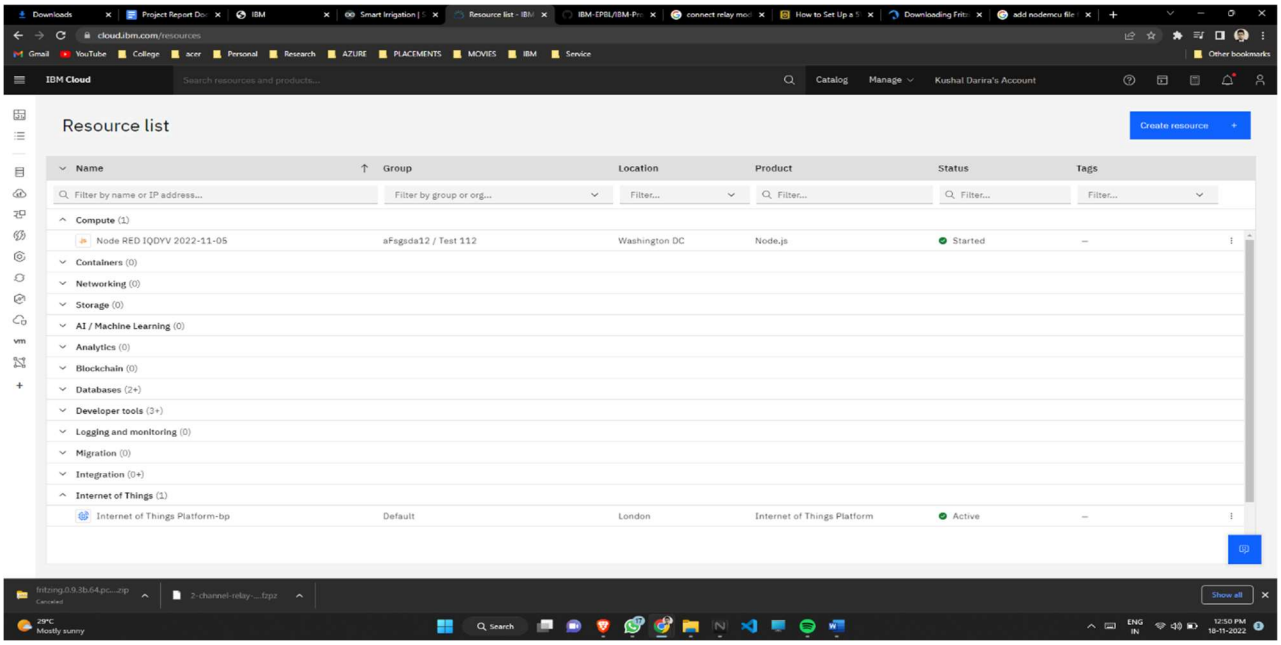
Create Node – Red Services

Date	17 November 2022
Team ID	PNT20212TMID39877
Project Name	Project – Smart Farmer - IoT Enabled Smart Farming Application

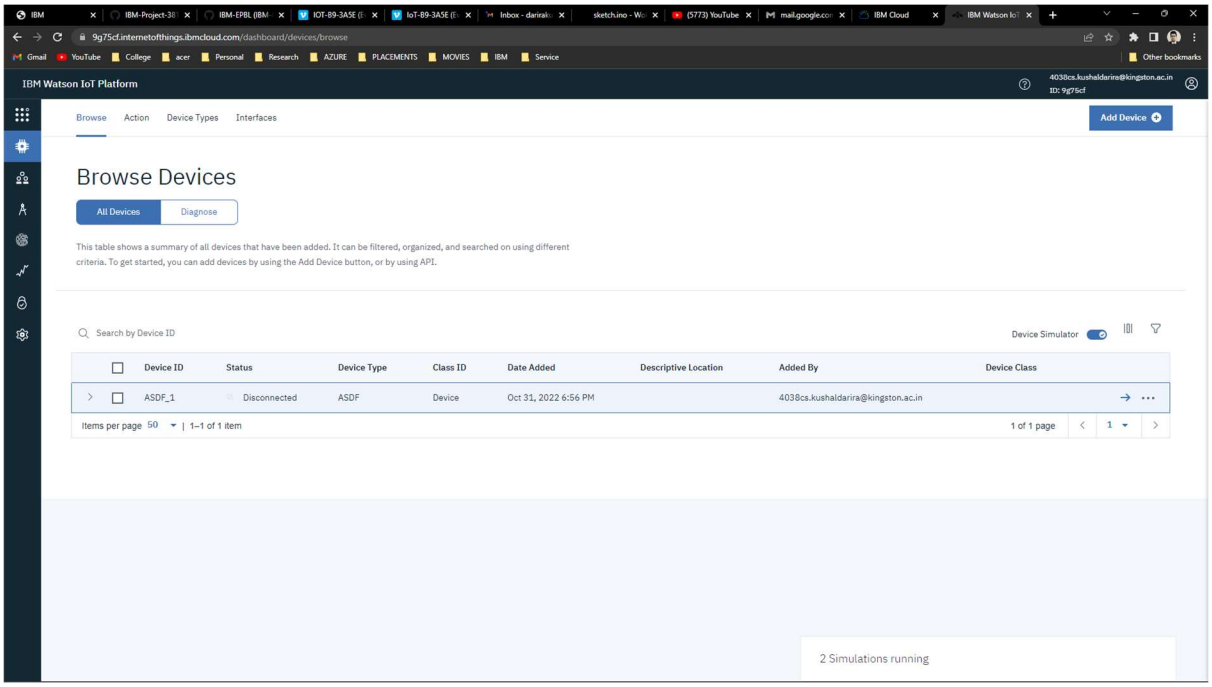
IBM Cloud Creation :



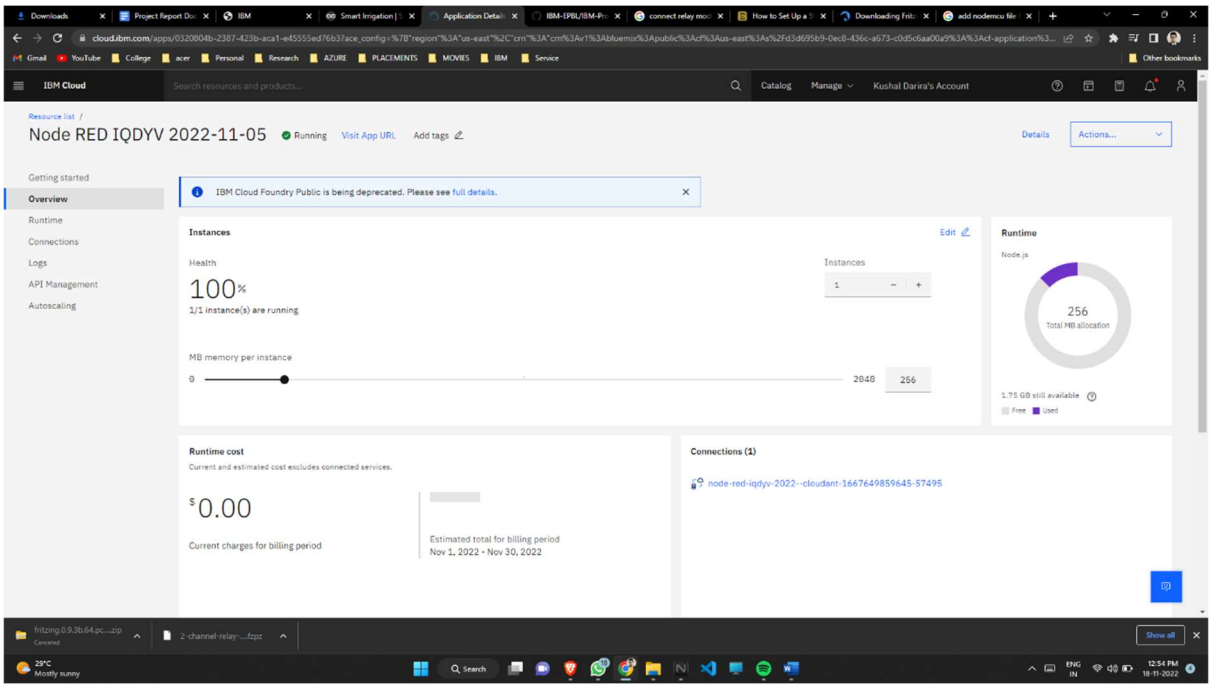
Creations Of Applications :

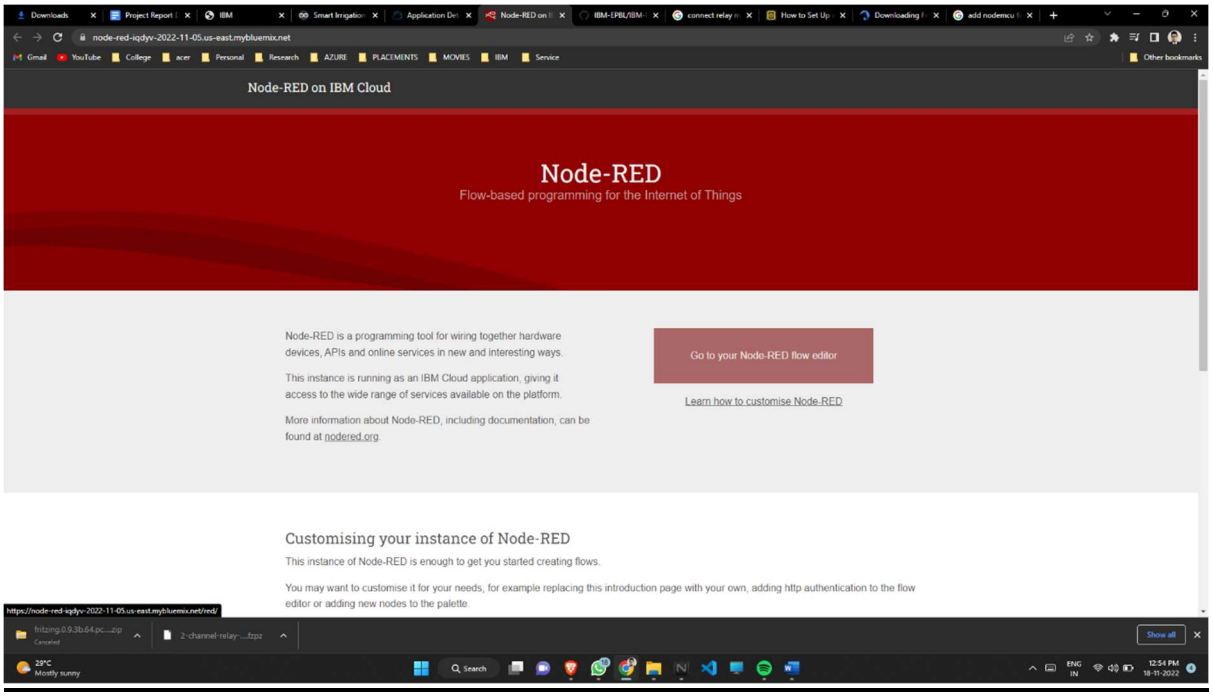


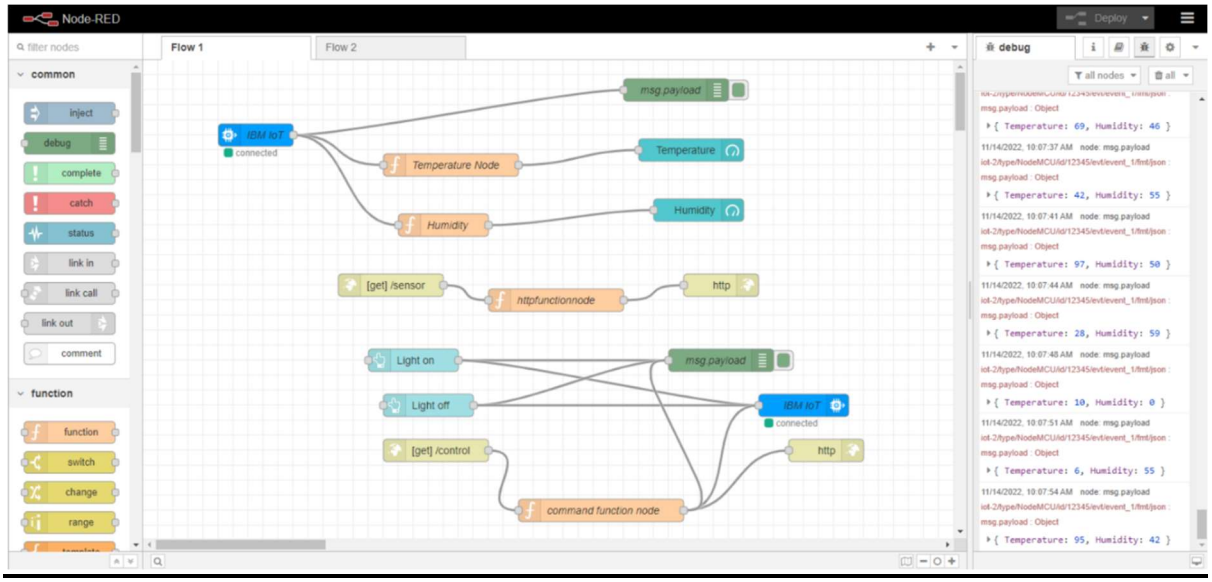
IBM Watson IOT Platform :



Node – Red Application :




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
Customising your instance of Node-RED
This instance of Node-RED is enough to get you started creating flows.
You may want to customise it for your needs, for example replacing this introduction page with your own, adding http authentication to the flow editor or adding new nodes to the palette.


Node-RED
Deploy
Flow 1
Flow 2
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
IBM IoT
connected
msg.payload
Temperature Node
Temperature
Humidity
Humidity
[get] /sensor
httpfunctionnode
http
Light on
Light off
[get] /control
command function node
debug
{ Temperature: 69, Humidity: 46 }
{ Temperature: 42, Humidity: 55 }
{ Temperature: 97, Humidity: 50 }
{ Temperature: 28, Humidity: 59 }
{ Temperature: 10, Humidity: 0 }
{ Temperature: 6, Humidity: 55 }
{ Temperature: 95, Humidity: 42 }