

Steps Followed:

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- ```
import json
import wiotp.sdk.device
import time

myConfig = {
 "identity": {
 "orgId": "hj5fmy",
 "typeId": "NodeMCU",
 "deviceId": "12345"
 },
 "auth": {
 "token": "12345678"
 }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
 name= "Smartbridge"
 #in area location

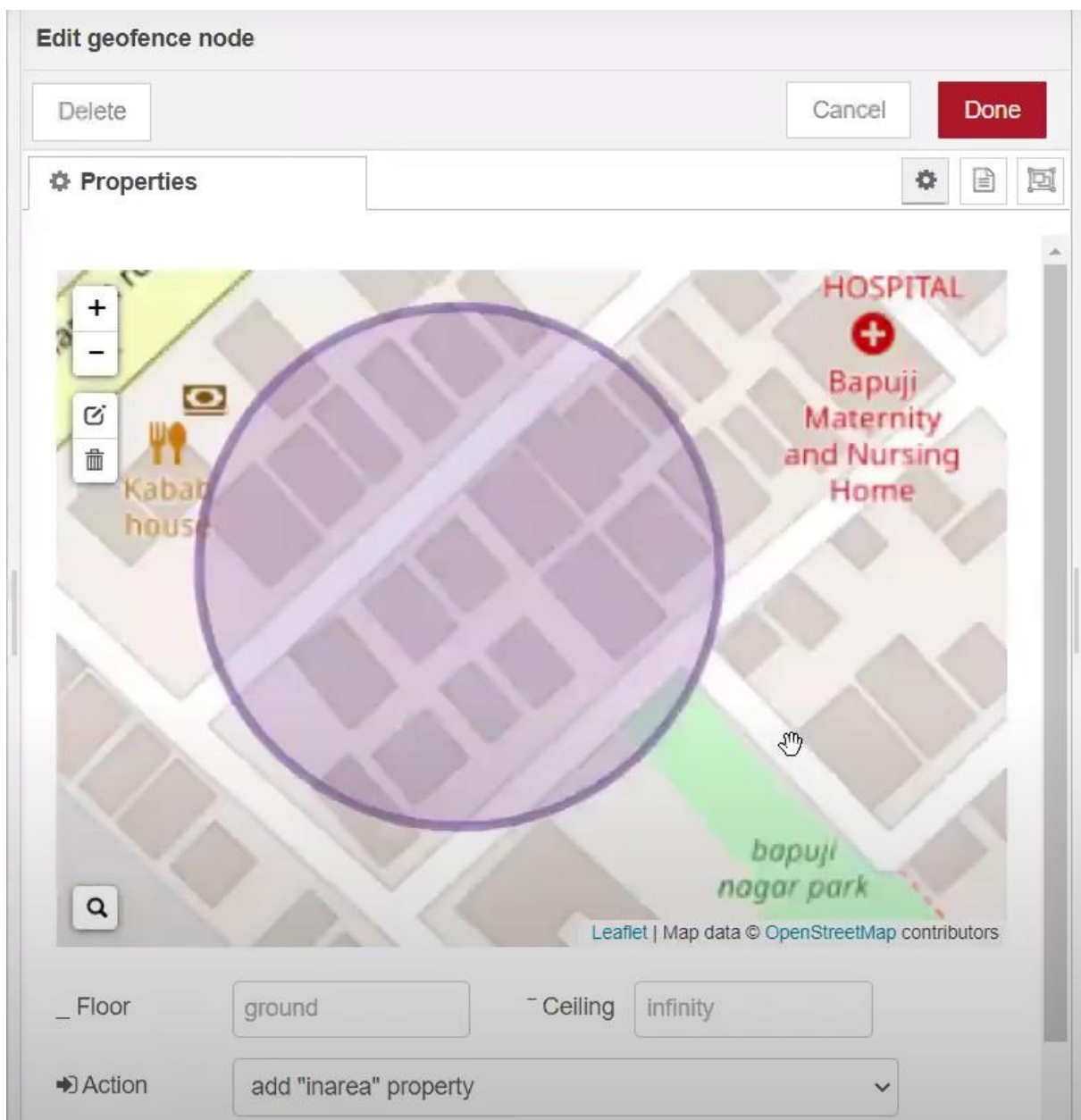
 latitude= 17.4225176
 longitude= 78.5458842

 #out area location

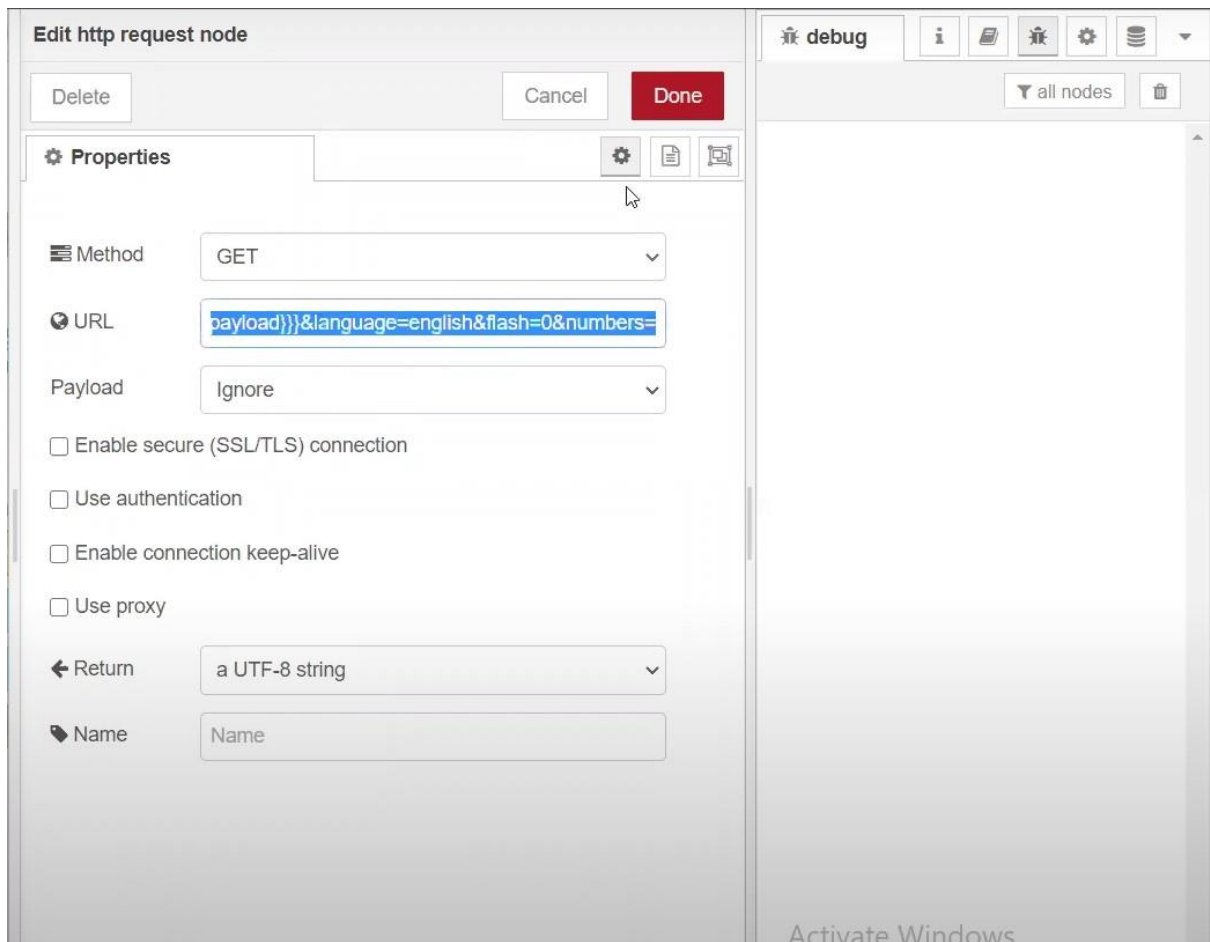
 #latitude= 17.4219272
 #longitude= 78.5488783
 myData={'name': name, 'lat':latitude, 'lon':longitude}
 client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
 print("Data published to IBM IoT platform: ",myData)
 time.sleep(5)

client.disconnect()
```

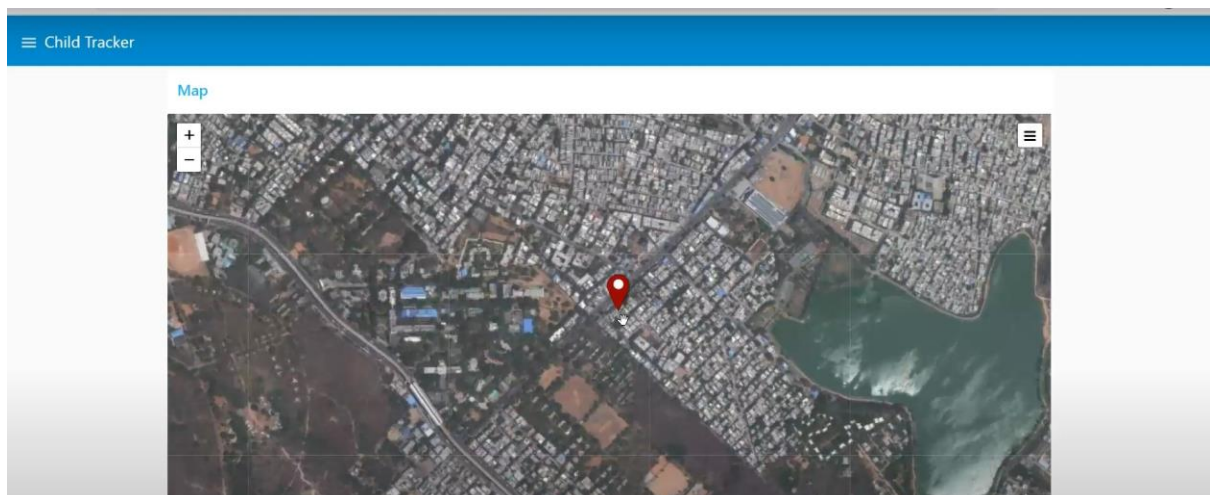
- Created the GeoFence



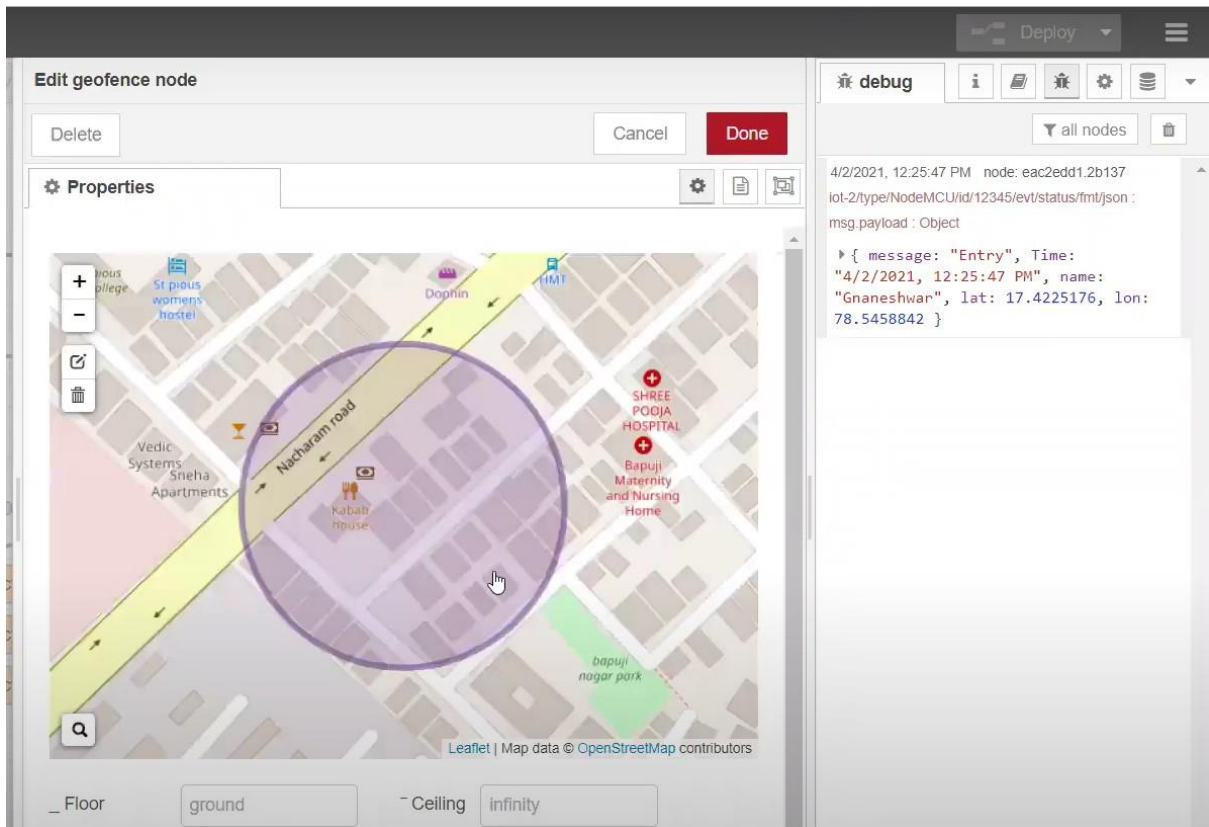
- Editing the HTTP Request URL



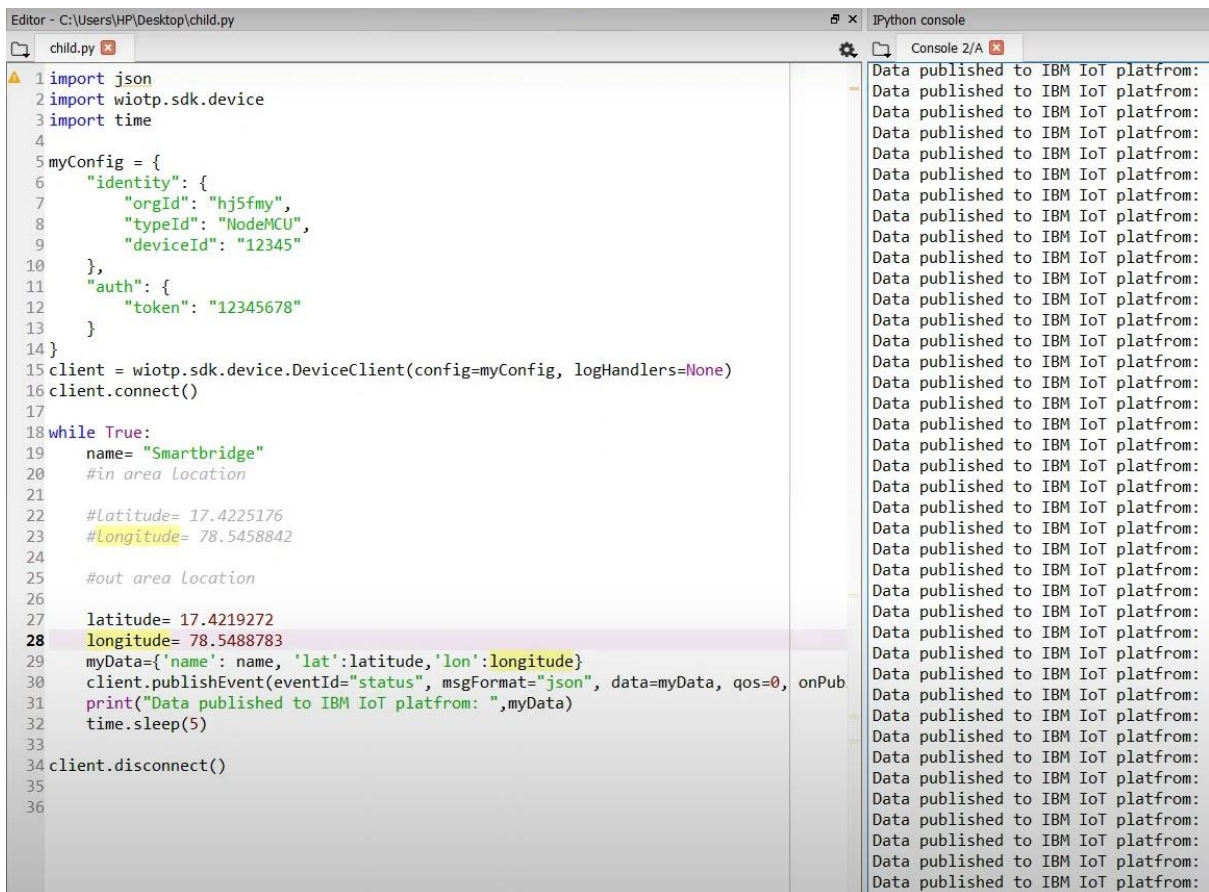
- Located the child



- Created the geofence node

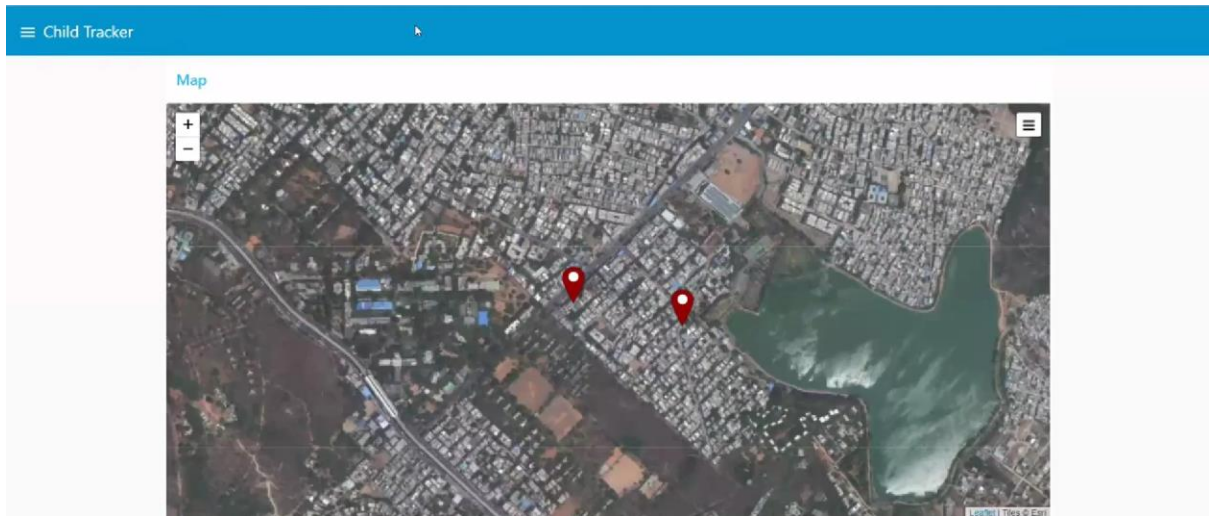


- Python script sending requests to IBM Cloud





- After running the script, the web UI shows “Person is not in the particular area”



Result: Successfully developed the web application using Node-RED