

2:19 PM

Bluetooth, VoLTE, 4G+, 58%

IBM-Project-36845-1660298196 /

Develop a web application / NodeRed

Connection with Python.pdf



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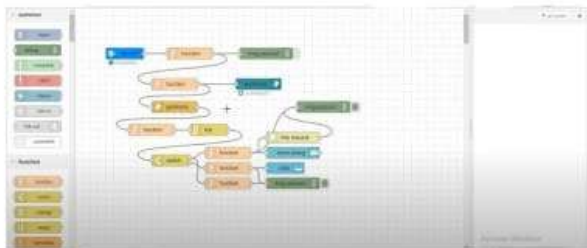
1 contributor

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NODE-RED:

Step 1: Connect the blocks



Step 2: Create python code

```
#!/usr/bin/env python
# coding: utf-8
# Node-RED Python Function Node
#
# This is a simple Node-RED Python Function Node.
# It is designed to be used in a flow where it
# receives data from a previous node and
# outputs data to a next node.
#
# The function is defined as follows:
#
# def run(message):
#     # This is where you put your Python code
#     # to process the message.
#     # The message is passed to the function
#     # as an argument.
#     # The function should return a value,
#     # which will be passed to the next node.
#
#     # Example:
#     # return message['text'].upper()
#
#     # Or, if you want to return a different
#     # type of data, you can do that too.
#     # For example, you could return a list:
#     # return ['hello', 'world']
#
#     # Or, you could return a dictionary:
#     # return {'hello': 'world'}
#
#     # Or, you could return a JSON object:
#     # return {'hello': 'world', 'foo': 'bar'}
#
#     # Or, you could return a string:
#     # return 'hello world'
#
#     # Or, you could return a number:
#     # return 12345
#
#     # Or, you could return a boolean:
#     # return True
#
#     # Or, you could return a null value:
#     # return None
#
#     # Or, you could return a list of lists:
#     # return [['hello', 'world'], ['foo', 'bar']]
#
#     # Or, you could return a list of dictionaries:
#     # return [{'hello': 'world', 'foo': 'bar'}, {'hello': 'world', 'foo': 'bar'}]
```

Step 3: Click the geofence node





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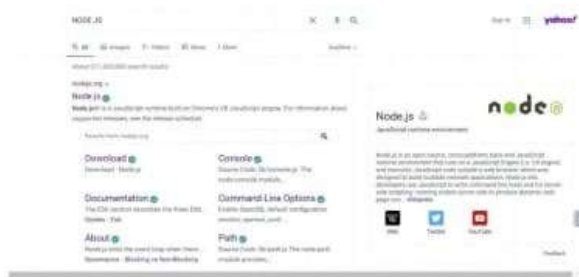


## CREATE AND CONFIGURE IBM CLOUD SERVICES

## CREATE NODE-RED SERVICE

|              |   |
|--------------|---|
| Team ID      | PNT2022TMID23807  |
| Project Name | IoT based Safety Gadget for Child Safety, monitoring and notification |

## STEP 1:



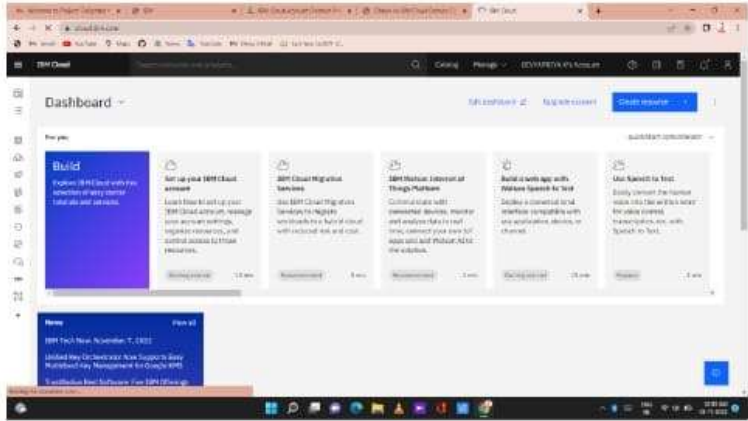
## STEP 2



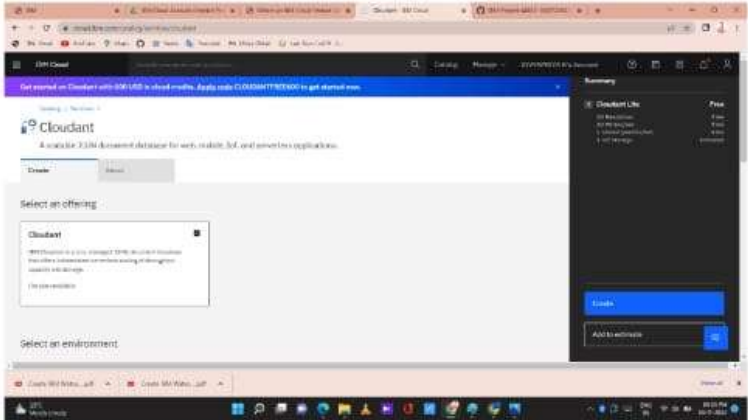


monitoring and notification

STEP 1:



STEP 2:



STEP 3:



