

# Smart Farmer-IOT Enabled Smart Farming Application

## IBM WATSON

<b>TITLE</b>	<b>Smart Farmer-IOT Enabled Smart Farming Application</b>
<b>DOMAIN NAME</b>	Internet Of Things
<b>TEAM ID</b>	PNT2022TMID20456
<b>LEADER NAME</b>	Kaviguru M
<b>TEAM MEMBER NAME</b>	Kaviguru M Muthu Subathra L Santhosh M Sankara Narayanan M
<b>MENTOR NAME</b>	Mr.Vivek Anand

IBM App DevelopmentNode-RED : node-red-rprvh-202IBM Watson IoT PlatformNode-RED Dashboard

askw5z.internetofthings.ibmcloud.com/dashboard/devices/browse

Gmailwind energy - Goo...IBM

IBM Watson IoT Platform1911076@nec.edu.inID: askw5z

BrowseActionDevice TypesInterfaces

All DevicesDiagnose

Add Device

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	
1911076	Disconnected	iot-kavi	Device	Nov 14, 2022 12:02 PM	

Identity

Device InformationRecent EventsStateLogs

Device ID

1911076

Device Type

iot-kavi

Date Added

Nov 14, 2022 12:02 PM

Added By

1911076@nec.edu.in

Connection Status

Disconnected

Items per page 50 | 1-1 of 1 item

1 of 1 page

Type here to search

53%

ENG

07:33 PM

18-11-2022

IBM App Development

Node-RED : node-red-rprvh-202

IBM Watson IoT Platform

Node-RED Dashboard

cloud.ibm.com/developer/appservice/apps/fc366470-3b28-494f-a8f0-fd7e6f639870

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IBM Cloud

Search resources and products...

CatalogManageKaviguru M's Account

Resource list / App details /

Node RED RPRVH 2022-11-14

Add tags

Actions...

Details

App URL

Source

Resource group

Deployment target

Created

https://node-red-rprvh-2022-11-14.eu-gb.mybluemix.net

https://eu-gb.git.cloud.ibm.com/1911076/NodeREDRPRVH2022-11...

Default

Node RED RPRVH 2022-11-14

11/14/2022

Services

Cloudant

Open dashboardDocumentationAPI reference

Credentials

Connect existing services

Create service

Deployment Automation

Name

Location

Tool integrations

Delivery Pipelines

Name

Status

Name

Status

NodeREDRPRVH2022-11-14

London

ci-pipeline

Success

pr-pipeline

No stages detected

ASK A QUESTION

53%

07:33 PM

18-11-2022

IBM App DevelopmentNode-RED : node-red-rprvh-202IBM Watson IoT PlatformNode-RED Dashboard

node-red-rprvh-2022-11-14.eu-gb.mybluemix.net/red/#flow/4c9a8a4adb5decc9

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Node-RED

Deploy

filter nodes

common

injectdebugcompletecatchstatuslink inlink callink outcomment

function

Flow 1

Flow 2

ESP32

Hello Node-RED!

msg.payload

IBM IoT  
disconnected

function

Temp

info

typenpm install node-re

Flows

Subflows

IBM IoT

deviceKey	IoT-KAVIR1511070
deviceType	
deviceId	
command	"g"
commandType	"g"
qos	0

Hold down when you click on a node to also select all of its connected nodes

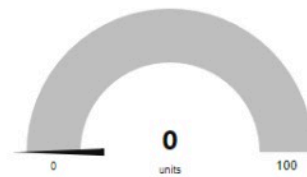
Type here to search

53%07:33 PM18-11-2022

ESP32

BME280 Sensor

Temperature



MIT App Inventor

Not secure | ai2.appinventor.mit.edu/#6669575165706240

send\_SMS

Screen1 Add Screen ... Remove Screen Publish to Gallery

Designer Blocks

Palette

Search Components...

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker

Viewer

☐ Display hidden components in Viewer

Phone size (505,320)

Screen1

send

hello

mobile no

Components

- Screen1
  - SMS\_Label
  - Send\_button
  - SMS\_TextBox
  - Mob\_no\_TextBox
  - Texting1

Properties

Mob\_no\_TextBox

BackgroundColor

Default

Enabled

☒

FontBold

☐

FontItalic

☐

FontSize

14.0

FontTypeface

default

Height

Automatic...

Width

Automatic...

Hint

Enter mobile no.

MultiLine

☐

Rename Delete

22°C Mostly clear

00:12

19-11-2022

MIT App Inventor

Not secure | ai2.appinventor.mit.edu/#6669575165706240

+

?

PasswordTextBox

?

Slider

?

Spinner

?

Switch

?

TextBox

?

TimePicker

?

WebView

Layout

Media

Drawing and Animation

Maps

Charts

Sensors

Social

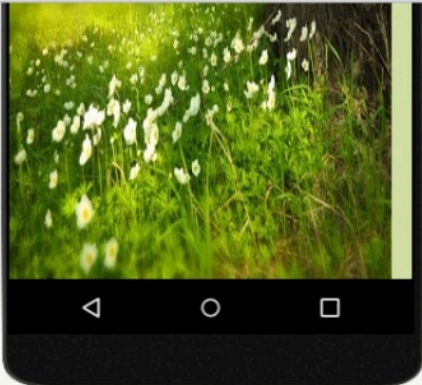
Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension



Non-visible components

Texting1

Automatic...

Width

Automatic...

Hint

Enter mobile no.

MultiLine

☐

NumbersOnly

☐

ReadOnly

☐

Text

mobile no

TextAlignment

left : 0 ▾

TextColor

☐ Default


Visible

☒

Rename

Delete

Media

 phot5.jpg

Upload File ...

Privacy Policy and Terms of Use

Type here to search



22°C Mostly clear

00:12 19-11-2022



## Screen1

*Type your  
message*

*Enter mobile no.*

