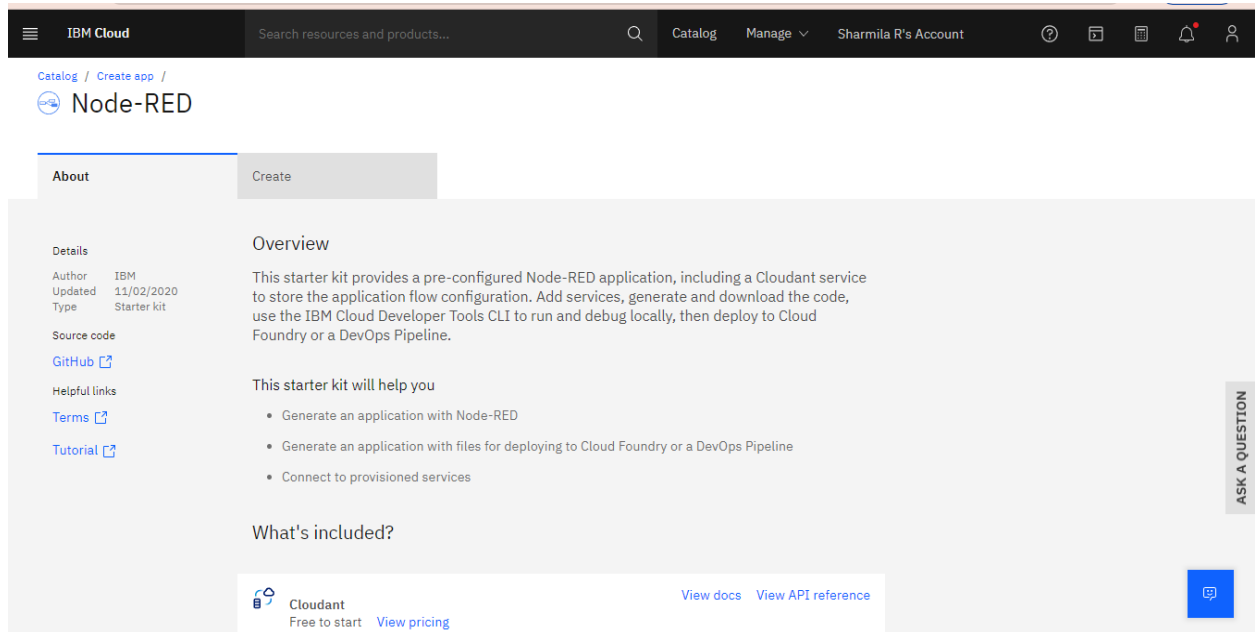


CREATE A NODE-RED SERVICE

TEAM ID: PNT2022TMID50096

PROJECT NAME: PERSONAL ASSISTANCE FOR SENIOR WHO ARE SELF RELIANT

1. Navigation to the app creation page



The screenshot shows the IBM Cloud interface for the Node-RED service. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Sharmila R's Account). The breadcrumb trail indicates the path: Catalog / Create app / Node-RED. The main content area is divided into two tabs: 'About' (selected) and 'Create'. The 'About' tab displays the following information:

- Details:**
 - Author: IBM
 - Updated: 11/02/2020
 - Type: Starter kit
- Source code:** [GitHub](#)
- Helpful links:** [Terms](#), [Tutorial](#)

The 'Overview' section describes the starter kit as a pre-configured Node-RED application that includes a Cloudant service for storing application flow configuration. It provides instructions on using the IBM Cloud Developer Tools CLI for local development and deployment to Cloud Foundry or a DevOps Pipeline.

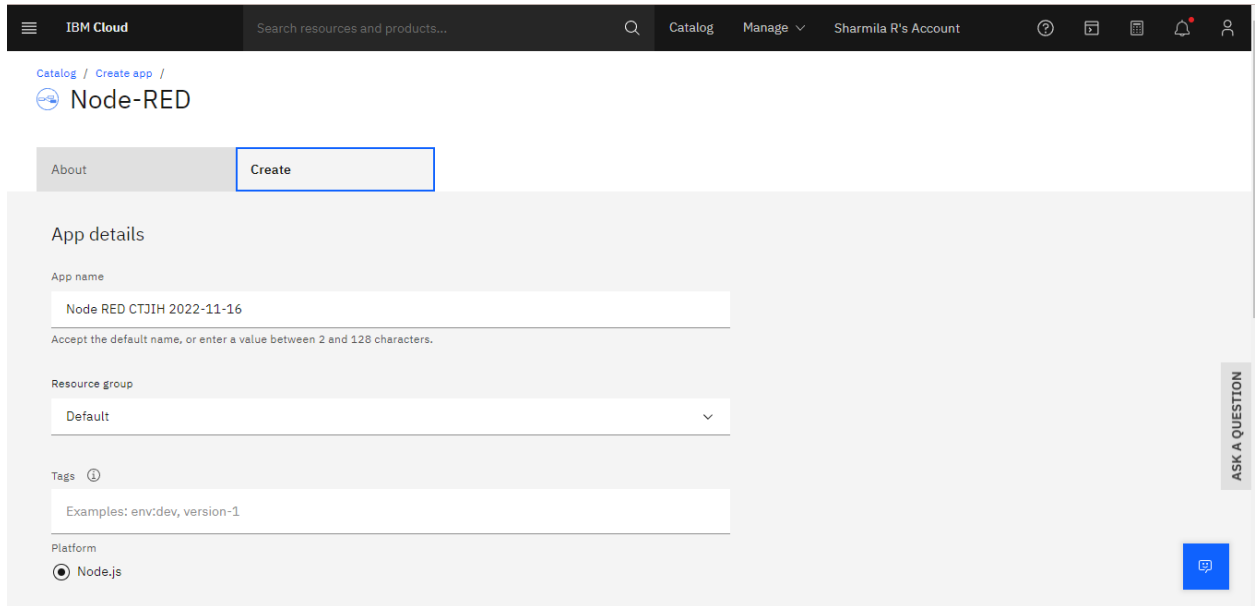
This starter kit will help you

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

What's included?

The 'What's included?' section features a card for the **Cloudant** service, which is 'Free to start'. It includes links to [View docs](#) and [View API reference](#), and a [View pricing](#) link. An 'ASK A QUESTION' button is located on the right side of the page.

2. Entered project details and clicked on create



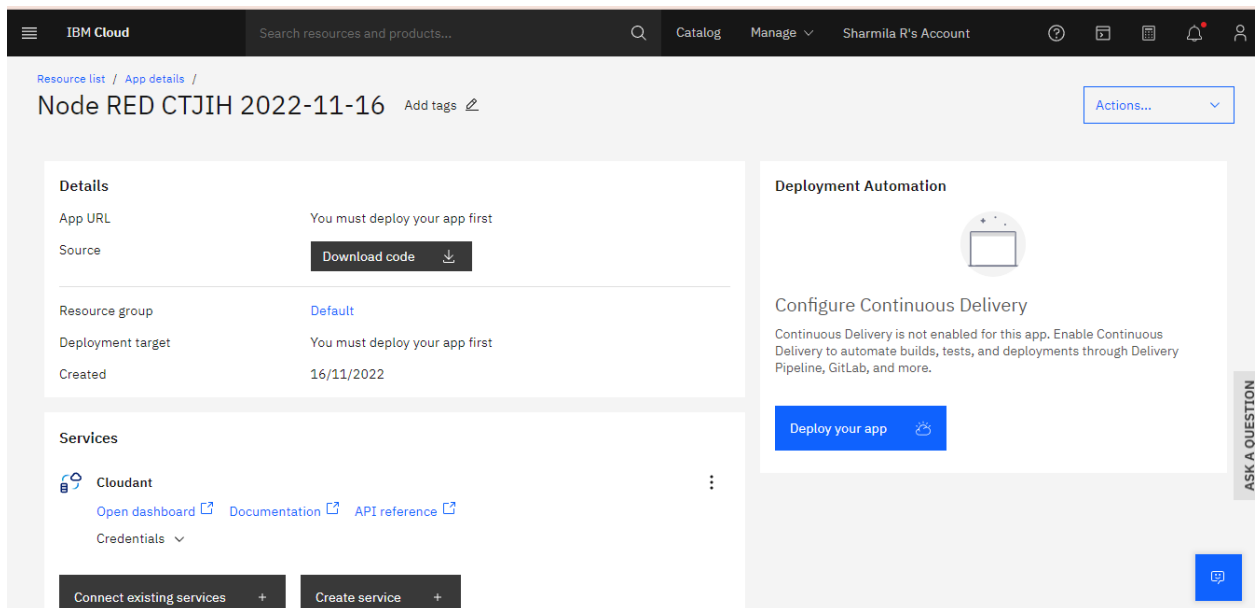
The screenshot shows the IBM Cloud 'Create app' page for Node-RED. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Sharmila R's Account). The breadcrumb trail is 'Catalog / Create app /'. The main heading is 'Node-RED'. Below this, there are two tabs: 'About' and 'Create', with 'Create' being the active tab. The 'App details' section contains the following fields:

- App name:** A text input field containing 'Node RED CTJIH 2022-11-16'. Below the field is a note: 'Accept the default name, or enter a value between 2 and 128 characters.'
- Resource group:** A dropdown menu with 'Default' selected.
- Tags:** A text input field with a help icon. Below the field are examples: 'env:dev, version-1'.
- Platform:** A radio button selection with 'Node.js' selected.

On the right side of the page, there is a vertical 'ASK A QUESTION' button and a blue chat icon.

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3. clicking on the “Deploy your App” Button



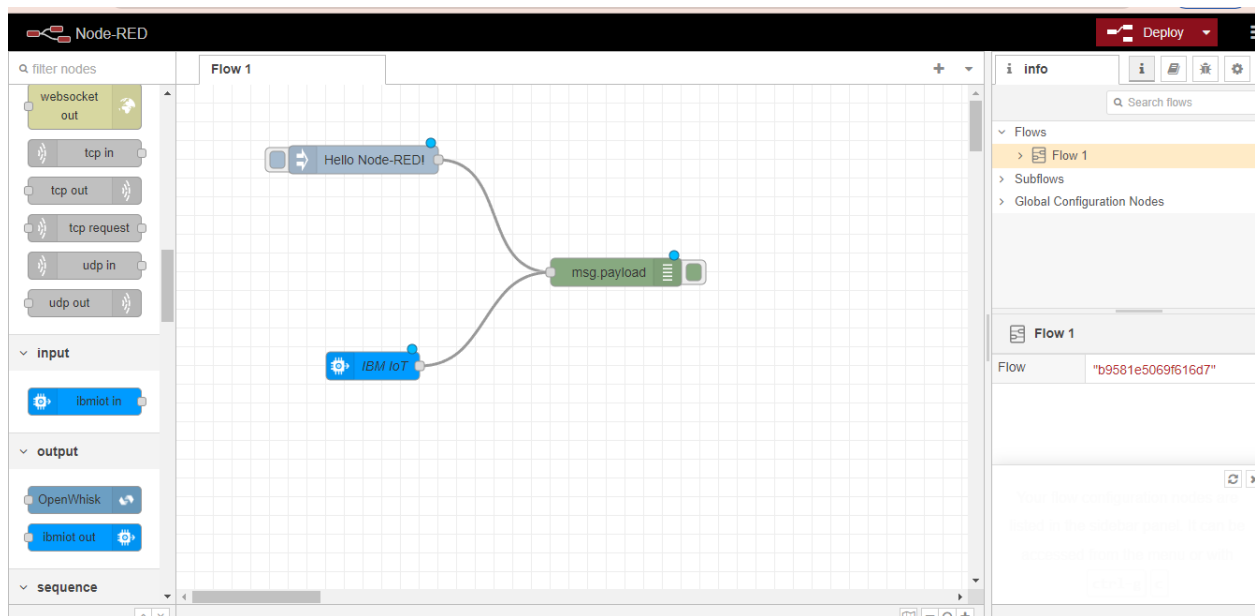
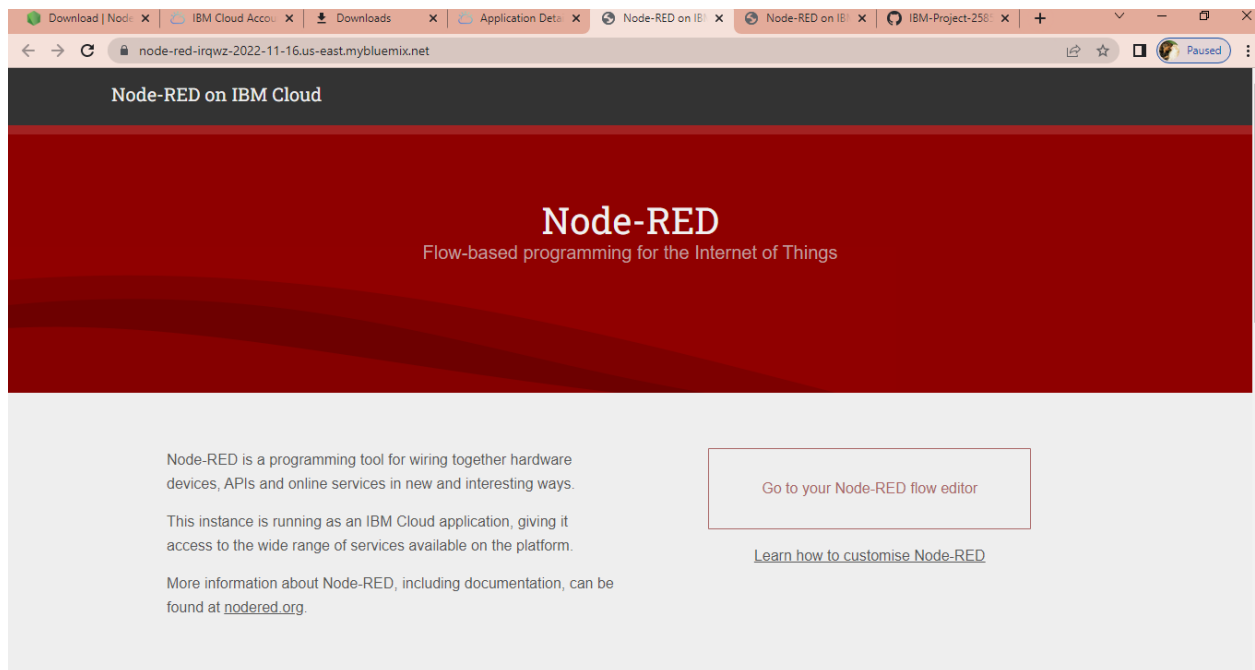
The screenshot shows the IBM Cloud 'App details' page for the app 'Node RED CTJIH 2022-11-16'. The top navigation bar is the same as the previous screenshot. The breadcrumb trail is 'Resource list / App details /'. The main heading is 'Node RED CTJIH 2022-11-16' with an 'Add tags' link. On the right, there is an 'Actions...' dropdown menu. The page is divided into two main sections:

- Details:** A table showing app information.

Details	
App URL	You must deploy your app first
Source	Download code
Resource group	Default
Deployment target	You must deploy your app first
Created	16/11/2022
- Services:** A section for managing services.
 - Cloudant:** Includes links for 'Open dashboard', 'Documentation', and 'API reference', and a 'Credentials' dropdown.
 - Buttons: 'Connect existing services' and 'Create service'.

On the right side, there is a 'Deployment Automation' section with a 'Deploy your app' button and a 'Configure Continuous Delivery' section with a note about enabling Continuous Delivery.

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Node-RED

Deploy

filter nodes

mqtt out

http in

http response

http request

websocket in

websocket out

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

Flow 1

Flow 2

ibm iot

connected

msg payload

debug

all nodes

all

11/16/2022, 9:21:14 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	
11/16/2022, 9:21:25 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	
11/16/2022, 9:21:34 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	
11/16/2022, 9:21:45 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	
11/16/2022, 9:21:54 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	
11/16/2022, 9:22:04 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	
11/16/2022, 9:22:15 PM	node: f2f2649a.0d0d98
msg.payload : string[15]	
"Hello Node-RED!"	