

# CREATE AND CONFIGURE IBM CLOUD SERVICES

## CREATE NODE-RED SERVICE

Date	12 November 2022
Team ID	PNT2022TMID11066
Project Name	Project – Smart Solutions For Railways

IBM Cloud-NODE RED account created successfully

Team Leader - IBM cloud NODE-RED account created:- (SAHITH AFRIDI S - 811519106118)

### 1. Create a Node RED account on the IBM Cloud:

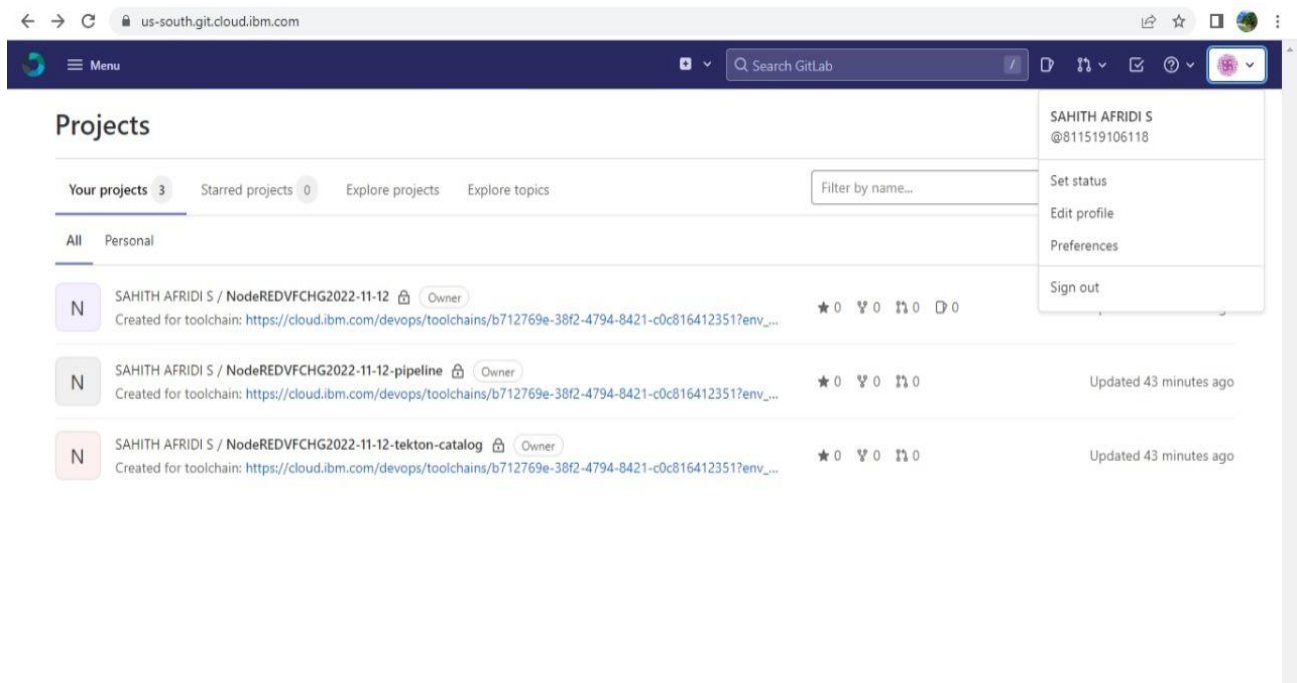
The screenshot displays the IBM Cloud developer console interface. The browser address bar shows the URL: `cloud.ibm.com/developer/appservice/apps/2a250f13-cef7-44e4-9e7b-b8d7275bcb85`. The page title is "Node RED VFCHG 2022-11-12". The main content area is divided into several sections:

- Details:** A table showing the service configuration:

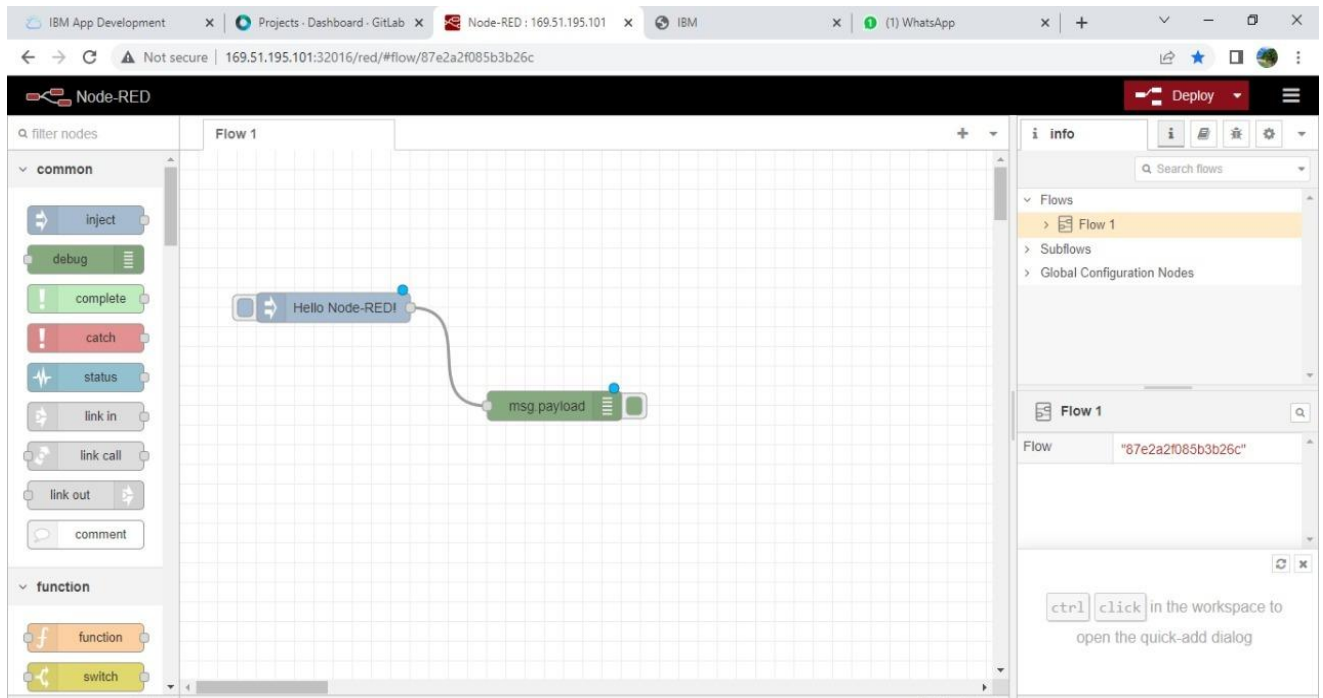
Field	Value
App URL	<a href="http://169.51.195.101:32016">http://169.51.195.101:32016</a>
Source	<a href="https://us-south.git.cloud.ibm.com/811519106118/NodeREDVFCH...">https://us-south.git.cloud.ibm.com/811519106118/NodeREDVFCH...</a>
Resource group	Zeebra
Deployment target	mycluster-free
Created	11/12/2022
- Services:** A section for managing services, currently showing "Cloudant" with links to "Open dashboard", "Documentation", and "API reference".
- Deployment Automation:** A section showing the deployment pipeline configuration, including "Name", "Location", and "Tool integrations".
- Delivery Pipelines:** A section showing the delivery pipeline configuration, including "Name", "Status", and "Success".

The right sidebar shows the user profile "SAHITH AFRIDI S" with options for "Profile", "Log in to CLI and API", "Privacy", "Change theme", and "Log out".

## 2. GitLab project account on a Node RED source account :



## 3. Start the NODE RED application to build the projects :



## Team Member 1 - IBM cloud NODE-RED account creation:- (SANJAY B - 811519106122)

### 1. Create a Node RED account on the IBM Cloud :

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and the user's name 'SANJAY B 811519106...'. The main content area displays the details of a Node RED application named 'Node RED YVOUR 2022-11-12'. The 'Details' section shows the App URL as 'http://169.51.206.32:31998' and the Source as 'https://us-south.git.cloud.ibm.com/811519106122/NodeREDY...'. The 'Services' section shows the 'Cloudant' service connected. The 'Deployment Automation' section shows the 'ci-pipeline' and 'pr-pipeline' with a status of 'Success'. The 'Getting' section provides instructions on how to connect a service to the app.

**Details**

- App URL: <http://169.51.206.32:31998>
- Source: <https://us-south.git.cloud.ibm.com/811519106122/NodeREDY...>
- Resource group: Default
- Deployment target: mycluster-free
- Created: 11/12/2022

**Services**

- Cloudant
  - Open dashboard
  - Documentation
  - API reference
  - Credentials

**Deployment Automation**

- Name: NodeREDYVOUR2022-11-12
- Location: Dallas
- Tool integrations: [Icons]

**Delivery Pipelines**

- Name: ci-pipeline
- Status: Success
- Name: pr-pipeline
- Status: No stages detected

**Getting**

To connect service to app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy it again.

### 2. GitLab project account on a Node RED source account :

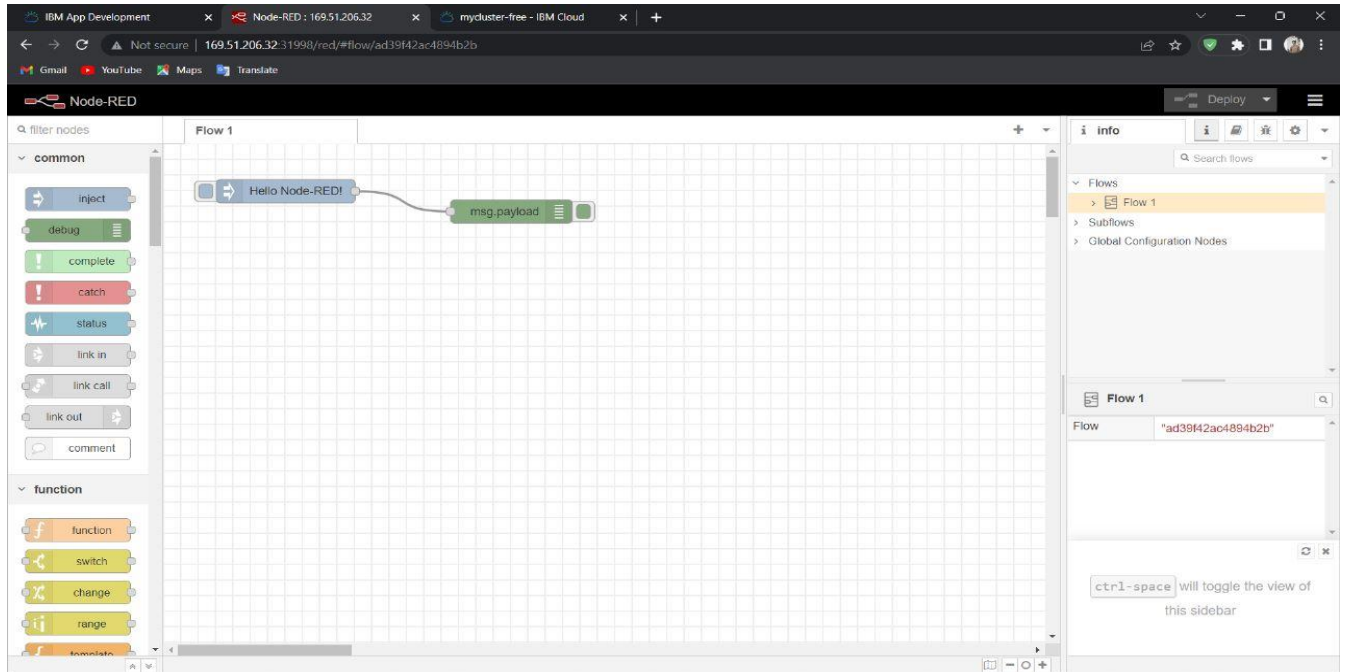
The screenshot shows the GitLab dashboard interface. The top navigation bar includes the GitLab logo, a search bar, and the user's name 'Sanjay B @811519106122'. The main content area displays a list of projects under the 'Your projects' tab. The projects are listed with their names, owners, and creation dates. The first project is 'Sanjay B / NodeREDYVOUR2022-11-12', the second is 'Sanjay B / NodeREDYVOUR2022-11-12-pipeline', and the third is 'Sanjay B / NodeREDYVOUR2022-11-12-tekton-catalog'.

**Projects**

Filter by name...

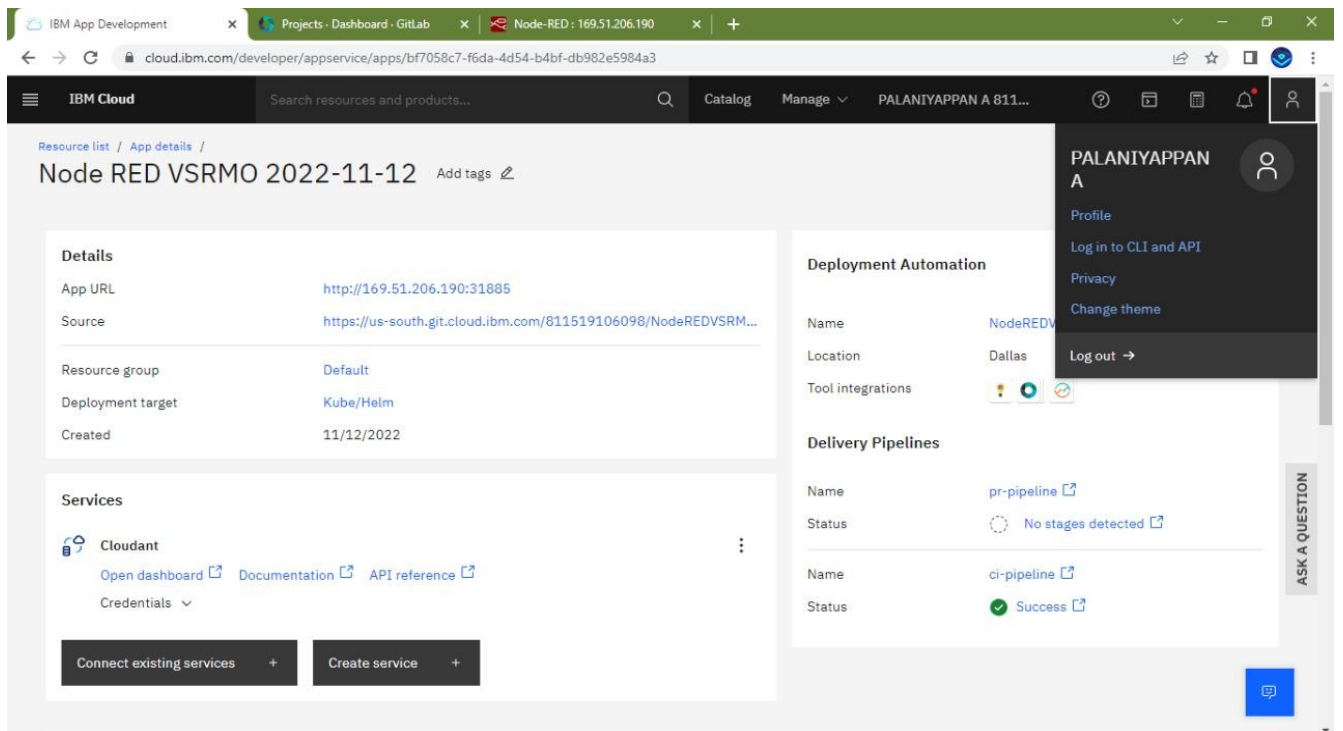
- Sanjay B / NodeREDYVOUR2022-11-12 (Owner)  
Created for toolchain: [https://cloud.ibm.com/devops/toolchains/7a82ffdf-caac-4c78-a092-3672a72cef7e?env\\_id...](https://cloud.ibm.com/devops/toolchains/7a82ffdf-caac-4c78-a092-3672a72cef7e?env_id...)
- Sanjay B / NodeREDYVOUR2022-11-12-pipeline (Owner)  
Created for toolchain: [https://cloud.ibm.com/devops/toolchains/7a82ffdf-caac-4c78-a092-3672a72cef7e?env\\_id...](https://cloud.ibm.com/devops/toolchains/7a82ffdf-caac-4c78-a092-3672a72cef7e?env_id...)
- Sanjay B / NodeREDYVOUR2022-11-12-tekton-catalog (Owner)  
Created for toolchain: [https://cloud.ibm.com/devops/toolchains/7a82ffdf-caac-4c78-a092-3672a72cef7e?env\\_id...](https://cloud.ibm.com/devops/toolchains/7a82ffdf-caac-4c78-a092-3672a72cef7e?env_id...)

### 3. Start the NODE RED application to build the projects :

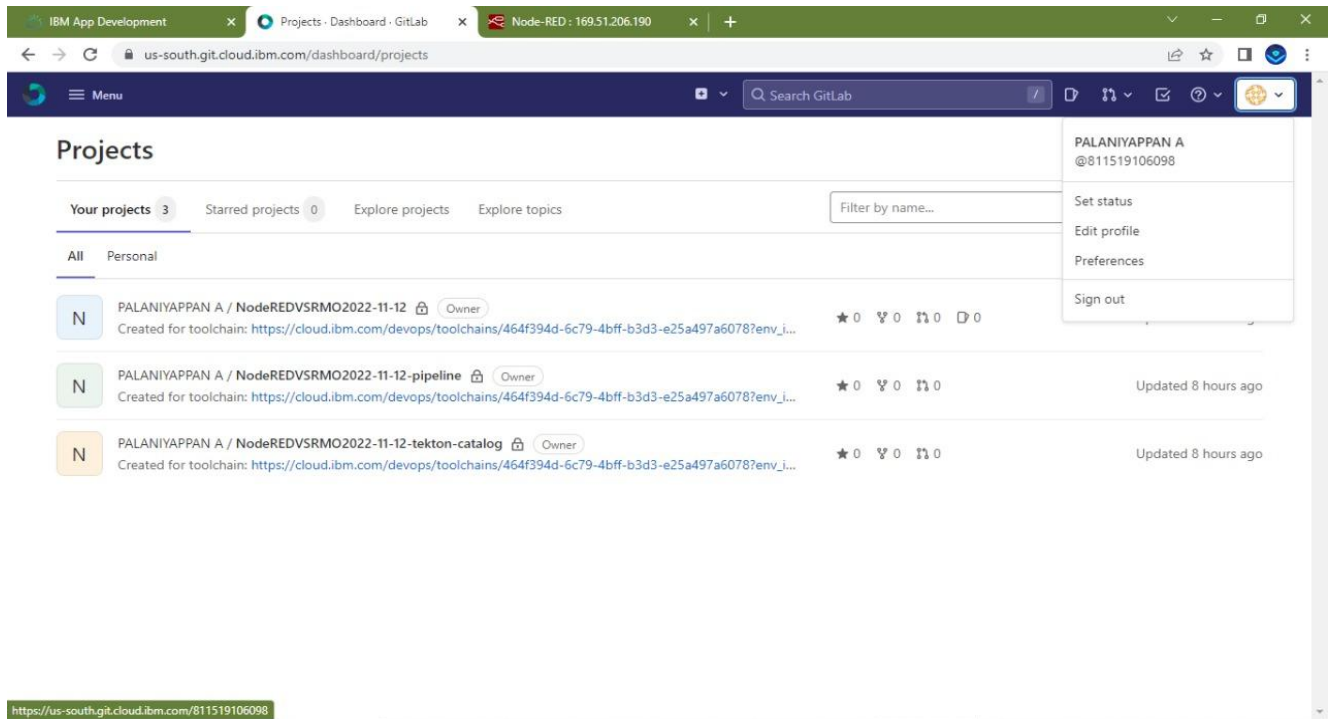


### Team Member 2- IBM cloud NODE\_RED account creation:- (PALANIYAPPAN A- 811519106098)

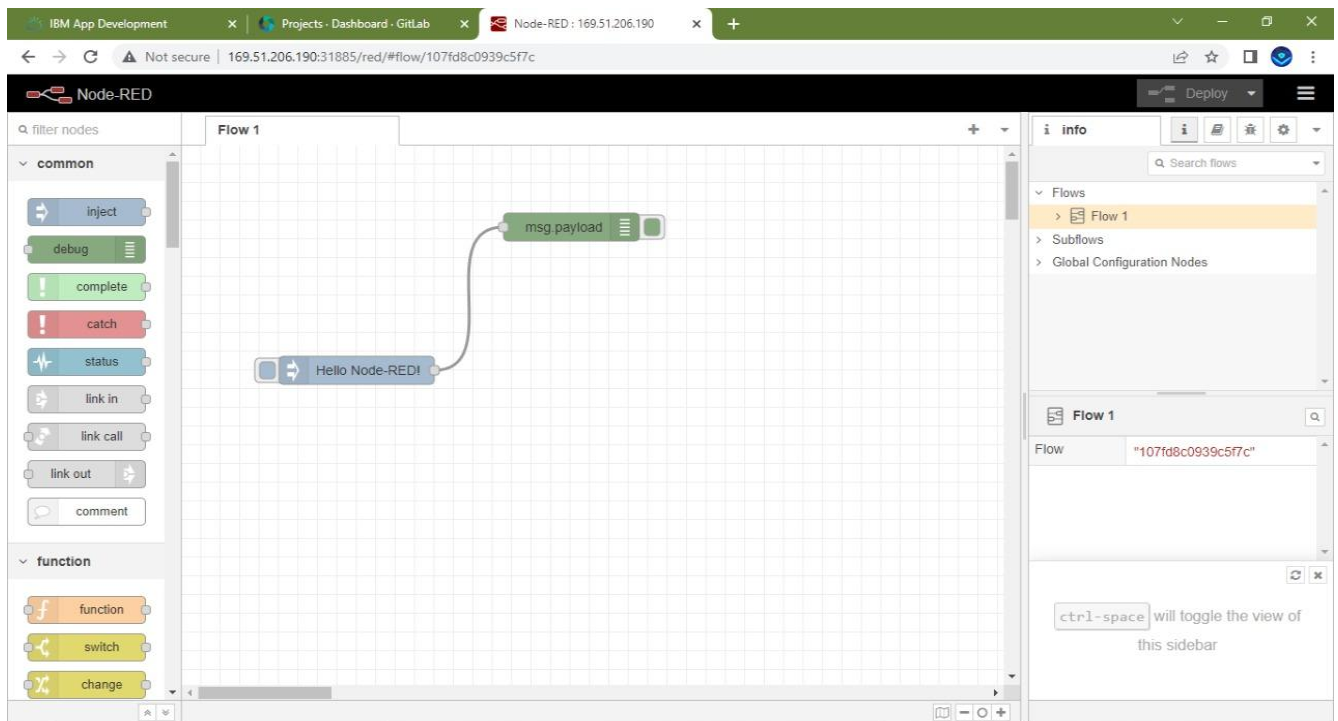
#### 1. Create a Node RED account on the IBM Cloud:



## 2. GitLab project account on a Node RED source account :



## 3. Start the NODE RED application to build the projects :



## Team Member 3 - IBM Cloud NODE-RED account creation:- (DIWAKAR M - 811519106301)

### 1. Create a Node RED account on the IBM Cloud:

The screenshot displays the IBM Cloud App Development console. The main content area shows the details of a Node RED application named "Node RED UBPIR 2022-11-12". The details include:

- App URL:** <http://169.51.195.80:32520>
- Source:** <https://us-south.git.cloud.ibm.com/811519106301/NodeREDUBPJ...>
- Resource group:** Default
- Deployment target:** mycluster-free
- Created:** 11/12/2022

Below the details, there is a "Services" section with a "Cloudant" service. It includes links for "Open dashboard", "Documentation", and "API reference", along with a "Credentials" dropdown. At the bottom, there are buttons for "Connect existing services" and "Create service".

On the right side, there is a "Deployment Automation" section showing the deployment status. It includes a "Name" field with the value "NodeREDU...", a "Location" field with the value "Dallas", and a "Tool integrations" section with icons for various tools. Below this, there is a "Delivery Pipelines" section showing two pipelines: "pr-pipeline" and "ci-pipeline". The "ci-pipeline" is marked as "Success".

A user profile dropdown menu is visible in the top right corner, showing the user's name "DIWAKAR M" and options for "Profile", "Log in to CLI and API", "Privacy", "Change theme", and "Log out".

### 2. GitLab project account on a Node RED source account:

The screenshot displays the GitLab dashboard. The main content area shows a list of projects under the "Your projects" tab. The projects are:

- DIWAKAR M / NodeREDUBPIR2022-11-12** (Owner)  
Created for toolchain: [https://cloud.ibm.com/devops/toolchains/c0e81ce0-5c74-4449-81c3-ce39b0081a10?env\\_...](https://cloud.ibm.com/devops/toolchains/c0e81ce0-5c74-4449-81c3-ce39b0081a10?env_...)
- DIWAKAR M / NodeREDUBPIR2022-11-12-pipeline** (Owner)  
Created for toolchain: [https://cloud.ibm.com/devops/toolchains/c0e81ce0-5c74-4449-81c3-ce39b0081a10?env\\_...](https://cloud.ibm.com/devops/toolchains/c0e81ce0-5c74-4449-81c3-ce39b0081a10?env_...)
- DIWAKAR M / NodeREDUBPIR2022-11-12-tektion-catalog** (Owner)  
Created for toolchain: [https://cloud.ibm.com/devops/toolchains/c0e81ce0-5c74-4449-81c3-ce39b0081a10?env\\_...](https://cloud.ibm.com/devops/toolchains/c0e81ce0-5c74-4449-81c3-ce39b0081a10?env_...)

Each project entry includes a star icon, a fork icon, and a refresh icon. The "Updated 2 hours ago" status is shown for the last two projects.

On the right side, there is a user profile dropdown menu showing the user's name "DIWAKAR M" and options for "Set status", "Edit profile", "Preferences", and "Sign out".



### 3. Start the NODE RED application to build the projects :

