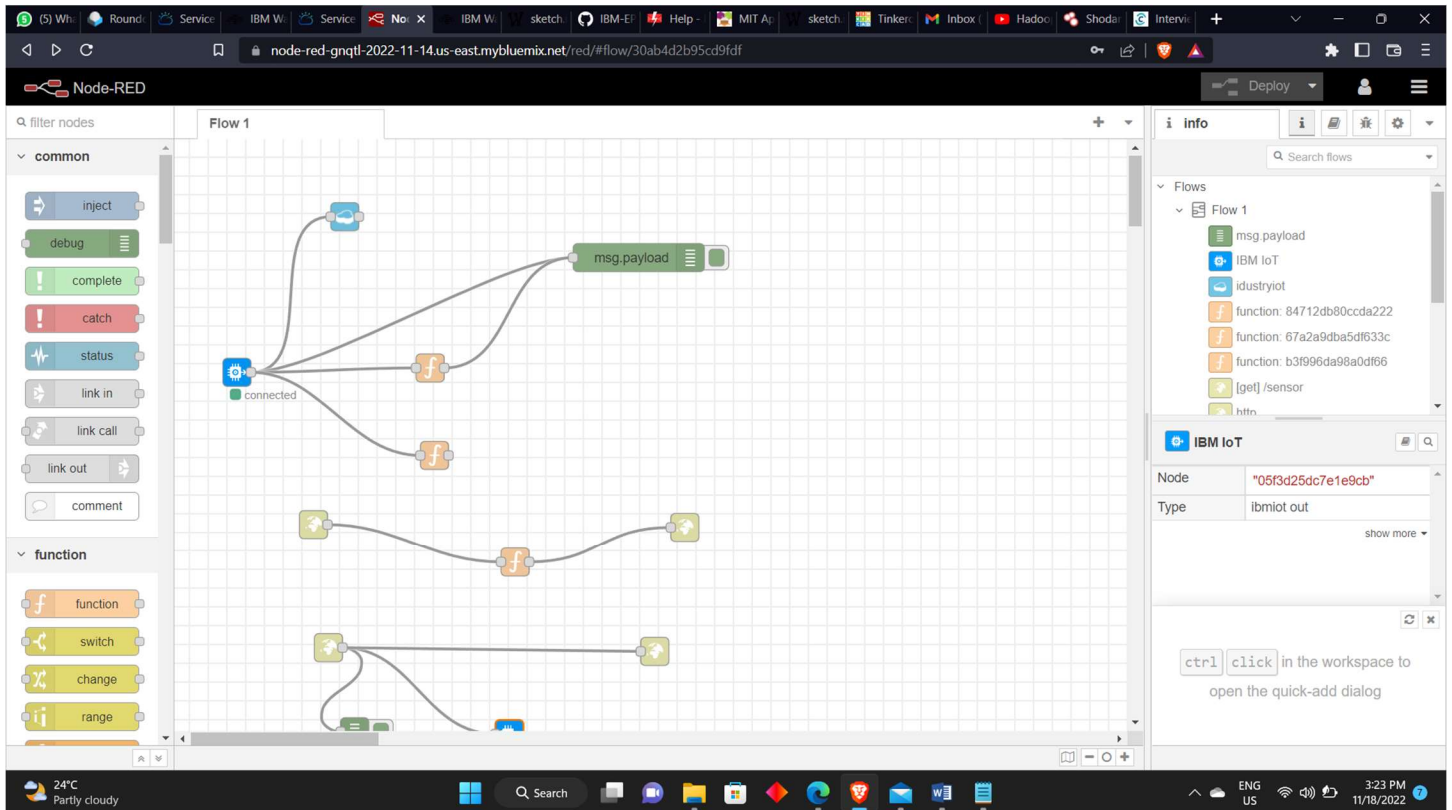


Develop the Web Application Using Node-Red

Node red flow



Function blocks

This screenshot shows the Node-RED web interface in a browser. The main workspace displays a flow with several nodes, including an inject node, a debug node, and several function nodes. The 'Edit function node' dialog is open, showing the following code:

```
1 msg.payload=msg.payload.humidity
2 return msg;
```

The right sidebar shows the 'info' tab, displaying the node's ID (84712db80ccda222) and type (function). The bottom status bar indicates the system temperature is 23°C and the time is 4:10 PM on 11/18/2022.

This screenshot shows the Node-RED web interface with the 'Edit ibmiot out node' dialog open. The node is configured with the following properties:

- Authentication: API Key
- API Key: Hazardous
- Output Type: Device Event
- Device Type: 2.2.2
- Device Id: Ultrasonic
- Event Type: humidity and temperature
- Format: json
- Data: data points
- QoS: 0
- Name: IBM IoT
- Service: registered

The right sidebar shows the 'debug' tab, which is currently empty. The bottom status bar indicates the system temperature is 24°C and the time is 3:22 PM on 11/18/2022.

