

# Develop the Web Application Using Node Red

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow named 'Flow 1' with the following components and connections:

- A **Humidity** function node is connected to a **Humidity** output node.
- A **[get] /sensor** node is connected to an **httpfunctionnode**.
- The **httpfunctionnode** is connected to an **http** node.
- The **http** node is connected to an **IBM IoT** node, which is marked as 'connected'.
- Two manual trigger nodes, **Light on** and **Light off**, are connected to a **msg.payload** node.

The left sidebar contains a 'function' category with nodes like 'function', 'switch', 'change', 'range', 'template', 'delay', 'trigger', 'filter', and 'OpenWhisk'. The right sidebar shows a 'debug' console with the following log entries:

```
iot-2/type/cropprotection/id/cropprotectionssystemid  
/evt/event_1/fmt/json : msg.payload : Object  
  { Temperature: 100, Humidity: 15 }  
11/12/2022, 8:39:12 PM node: 888cf21c9890d4a9  
iot-2/type/cropprotection/id/cropprotectionssystemid  
/evt/event_1/fmt/json : msg.payload : Object  
  { Temperature: 33, Humidity: 44 }  
11/12/2022, 8:39:15 PM node: 888cf21c9890d4a9  
iot-2/type/cropprotection/id/cropprotectionssystemid  
/evt/event_1/fmt/json : msg.payload : Object  
  { Temperature: 94, Humidity: 72 }  
11/12/2022, 8:39:18 PM node: 888cf21c9890d4a9  
iot-2/type/cropprotection/id/cropprotectionssystemid  
/evt/event_1/fmt/json : msg.payload : Object  
  { Temperature: 21, Humidity: 74 }  
11/12/2022, 8:39:21 PM node: 888cf21c9890d4a9  
iot-2/type/cropprotection/id/cropprotectionssystemid  
/evt/event_1/fmt/json : msg.payload : Object  
  { Temperature: 68, Humidity: 98 }
```

