

# DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

## WRITE A FUNCTION TO COMPARE THE TIME

The screenshot displays the Node-RED web interface in a browser window. The address bar shows the URL `127.0.0.1:1880/#flow/b65d07dea316d77e`. The interface includes a left sidebar with a search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (function, switch, change, range). The main workspace shows an 'Edit function node' dialog for a node named 'function 13'. The 'On Message' tab is selected, and the following JavaScript code is entered:

```
1 var d = new Date();
2 var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
3 var offset = 5.5;
4 // @ts-ignore
5 newDate = new Date(utc + (3600000 * offset));
6 // @ts-ignore
7 var n = newDate.toISOString()
8 var date = n.slice(0, 10)
9 var time = n.slice(11, 16)
10 global.set('time', time)
11 msg.payload = date + " " + time
12 return msg;
```

At the bottom of the dialog, the 'Enabled' checkbox is checked. The Windows taskbar at the very bottom shows the system clock as 02:13 PM on 07-11-2022.