

DEVOPS AND FULLSTACK

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BATCH – 03

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The image displays two side-by-side screenshots of a code editor interface, likely Visual Studio Code, showing a full-stack development environment.

Top Screenshot (Backend):

- Explorer:** Shows project structure with `App.js`, `index.js`, and `Dashboard.jsx` files under `Backend`.
- Code Editor:** `index.js` file content:

```
1 const express = require("express");
2 const cors = require("cors");
3
4 const app = express();
5
6 app.use(cors());
7
8 app.get("/api/dashboard", (req, res) => {
9   res.json({
10     totalIncome: 50000,
11     totalExpenses: 32000
12   });
13 });
14
15 app.listen(5000, () => {
16   console.log("Server running on port 5000");
17 });
18
```
- Terminal:** Shows command-line output for running the Node.js application.

Bottom Screenshot (Frontend):

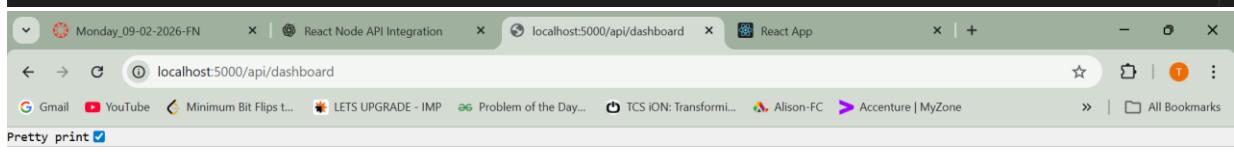
- Explorer:** Shows project structure with `App.js`, `index.js`, and `Dashboard.jsx` files under `fronted`.
- Code Editor:** `Dashboard.jsx` file content:

```
1 import { useEffect, useState } from "react";
2
3 function Dashboard() {
4   const [data, setData] = useState(null);
5   const [loading, setLoading] = useState(true);
6   const [error, setError] = useState("");
7
8   const fetchDashboardData = () => {
9     setLoading(true);
10    fetch("http://localhost:5000/api/dashboard")
11      .then((res) => {
12        if (!res.ok) throw new Error("Failed to fetch dashboard data");
13        return res.json();
14      })
15      .then((result) => {
16        setData(result);
17        setLoading(false);
18      })
19      .catch(() => {
20        setError("Failed to fetch dashboard data");
21      });
22  }
23
24  return (
25    <div>
26      <h1>Dashboard</h1>
27      <p>Total Income: {data?.income}</p>
28      <p>Total Expenses: {data?.expenses}</p>
29      <p>Status: {loading ? "Loading" : "Success"}</p>
30      <p>Error: {error}</p>
31    </div>
32  );
33}
34
35 export default Dashboard;
```
- Terminal:** Shows command-line output for running the Node.js application.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS GITLENS POSTMAN CONSOLE node - Backend + × PS C:\Users\saith\OneDrive\Desktop\Devops_1127\LAB_ASSINMENT\Backend> node index.js Server running on port 5000 Server running on port 5000 PS C:\Users\saith\OneDrive\Desktop\Devops_1127\LAB_ASSINMENT\Backend> npm install cors PS C:\Users\saith\OneDrive\Desktop\Devops_1127\LAB_ASSINMENT\Backend> npm install cors added 2 packages, and audited 68 packages in 4s added 2 packages, and audited 68 packages in 4s

23 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Users\saith\OneDrive\Desktop\Devops_1127\LAB_ASSINMENT\Backend> node index.js
Server running on port 5000
```



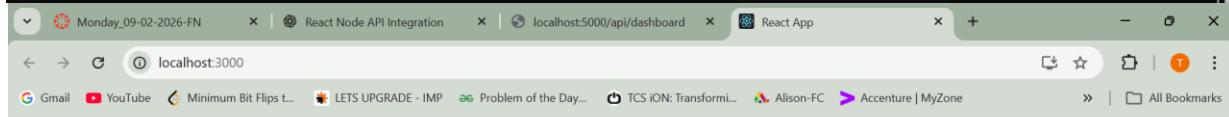
```
Windows PowerShell      + | 
Compiled successfully!

You can now view frontend in the browser.

Local:          http://localhost:3000
On Your Network:  http://10.164.39.190:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```



Dashboard

Total Income: ₹50,000

Total Expenses: ₹32,000

Balance: ₹18,000

[Refresh](#)