🔧 Tech Stack Recommendation

Framework: React.js

Styling: Tailwind CSS (fast, responsive, modern) or plain CSS Modules

HTTP Client: Axios

Routing: React Router

UI Components: Custom or small libraries like Headless UI or ShadCN (if needed)

📁 Folder Structure

css

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src/

├── assets/

├── components/

│ ├── Navbar.js

│ ├── Sidebar.js

│ ├── DeviceTable.js

│ ├── DeviceForm.js

│ └── Loader.js

├── pages/

│ ├── Dashboard.js

│ ├── DeviceList.js

│ └── DeviceDetails.js

├── services/

│ └── api.js

├── App.js

└── main.js

🔥 Initial Pages

1. Dashboard

Cards showing total devices, active devices, offline devices

Chart showing usage/activity over time (can use recharts or chart.js)

2. Device List

Table listing all devices

Status indicators (green = active, red = offline)

Action buttons for editing/deleting devices

3. Device Details

Detailed view on clicking a device row

Show name, ID, type, status, last ping, logs, etc.