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MERN Stack Setup(React)

Overview

The **MERN stack** is a full-stack JavaScript solution combining **MongoDB, Express.js, React.js, and Node.js** to build modern web applications. It enables seamless data flow from frontend to backend using one language—JavaScript—across the entire stack.

Setup process for system and browser

- Install Node js (recommended version 18.12) [Click here for link](#)
- Open terminal
  - node -v (check for the installation of node)
- Install VS code (if already installed ignore it) [Click here for link](#)
- Go to chrome web store :
- Search for React developer tool and add to chrome

Setup process for Vs code

1. Open vs code and add your folder path, Add extension in vs code
   ES7+react/redux………

Project Setup in Vs code

- Open a new terminal in a respective folder.

```
>> npm create vite@latest
>> cd <filename>
>> npm install
>> npm run dev
```

Project structure

- Create new folder name it as Pages in src folder
- Create a new file and name as Navbar.jsx format
- Delete all codes in App.jsx
- And enter (rafce) snippet tool for react
- Also delete App.css file
- And delete the codes of index.css

These are all the basic procedure to work in a React application