App.js (Root Component)
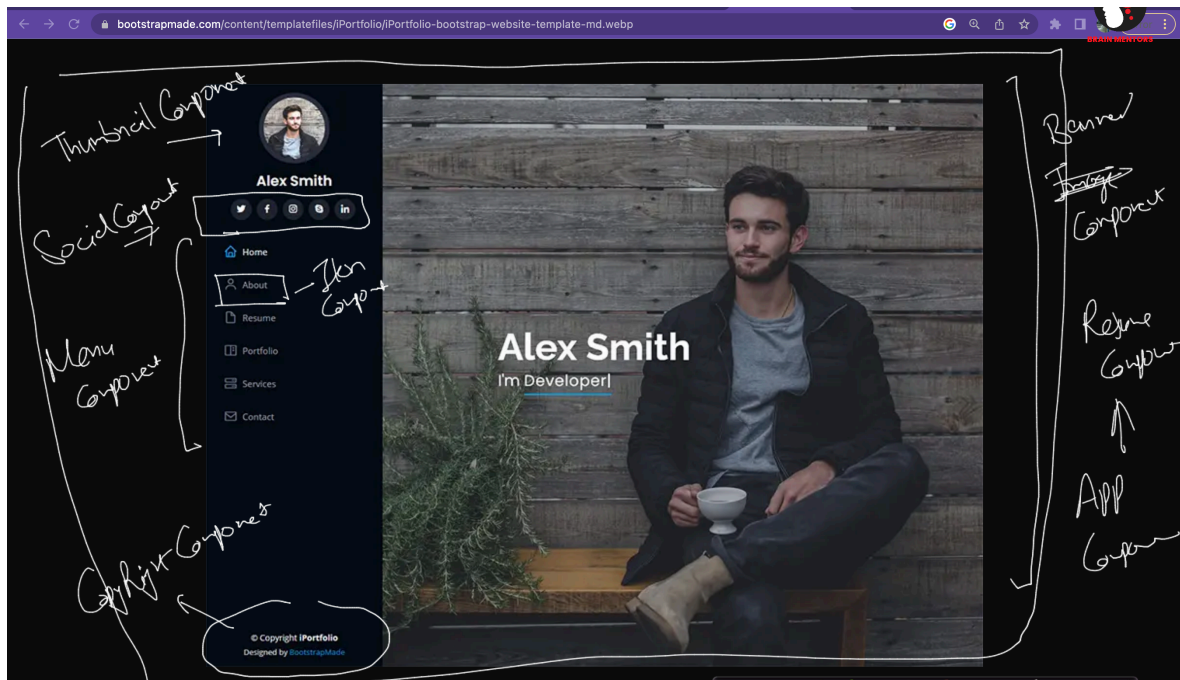
index.html (This is the only Page)
Var name = "AMIT";
Your Name is {name}
Your Name is {{name}}

Your Name is
<%=name%>
Your Name is #name

YOUR Name is

_____

TEMPLATE ENGINES

index.html talk to App.js

App.js has JSX and JSX Handed over to the index.html, but before handed over to the index.html , JSX (VDOM) Convert into Real DOM This real DOM will be render on Browser.

Question is How index.html is talk to App.js?

index.js

Real DOM and VDOM Connection

Create ,using ReactDOM

React DOM - Act as a Bridge b/w VDOM

and Real DOM

STEPS

```
npm install -g
npm@latest

npm cache
clean --force
```

CLOSE

TERMINAL

THEN OPEN
TERMINAL
AGAIN

DO

npx create-
react-app

firstapp

nnpm ERR! code
ENOENT
npm ERR! syscall
lstat
npm ERR! path C:
\Users\Danish\AppDa
ta\Roaming\npm
npm ERR! errno

-4058

npm ERR! enoent ENOENT: no such file or directory, lstat 'C:\Users\Danish\AppData\Roaming\npm'
npm ERR! enoent This is related to npm not being able to find a file.
npm ERR! enoent

npm ERR! A

complete log of this run can be found in:
npm ERR!   C:\Users\Danish\AppData\Local\npm-cache_logs\2023-07-08T04_39_34_654Z-debug-0.log
npm ERR! code ENOENT
npm ERR! syscall lstat
npm ERR! path C:

\Users\Danish\AppData\Roaming\npm

npm ERR! errno -4058

npm ERR! enoent ENOENT: no such file or directory, lstat 'C:\Users\Danish\AppData\Roaming\npm'

npm ERR! enoent This is related to npm not being able to find a file.

1. React
a) WebPack - Compile , Package (Bundle), LocalServer, Testing Support etc.
b) Babel - Transpiler
C) Unit Testing , Integration Testing - React Testing Library

—> Old Version Jest (Testing) , Enzyem (Mocking)

d) React Library (Component) , React DOM (VDOM Map DOM)

React Project (Put it on a GITHUB)
npx create-react-app <projectname> - Pull

FaceBook GITHUB Project (React Basic Structure)