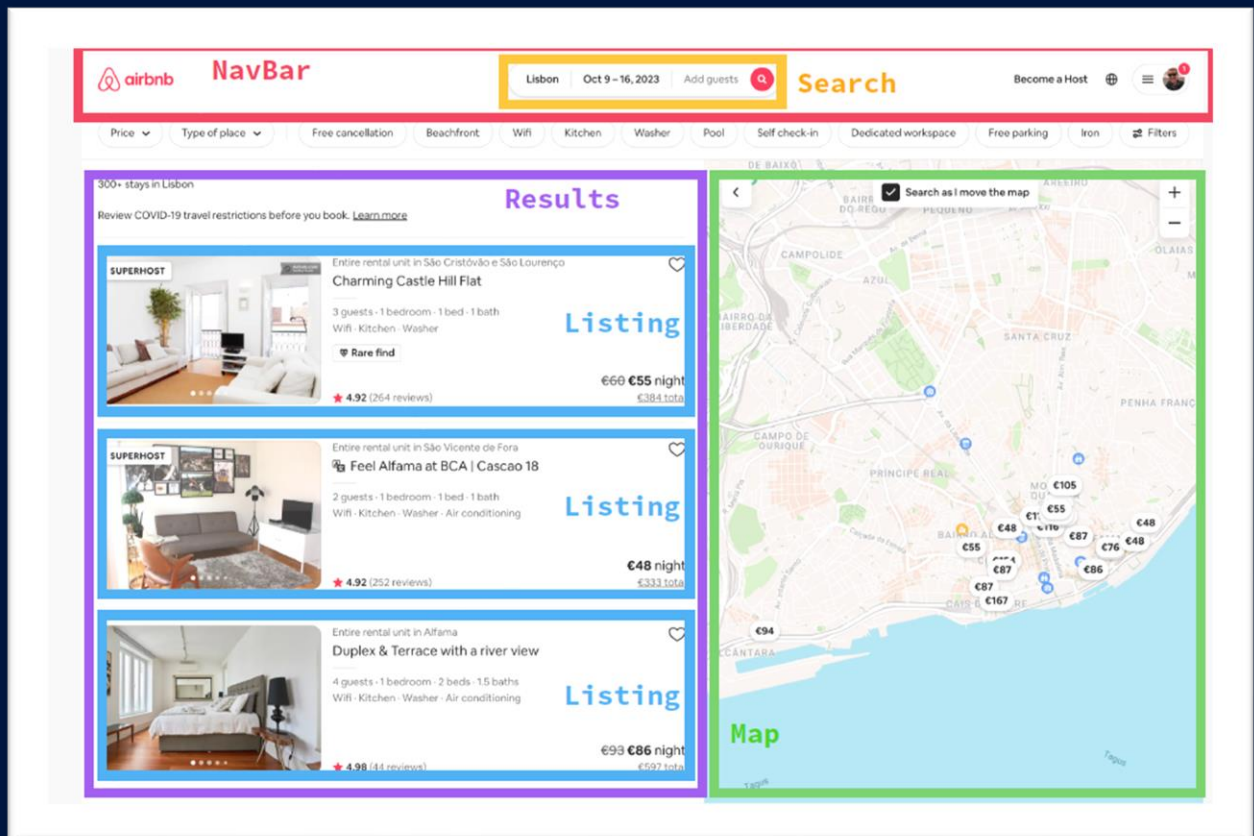**React**

React is extremely popular, declarative, component-based, state-driven JavaScript library for building user interfaces created by Facebook.

Based on Components

Components are the building blocks of user interfaces in React. We build complex UIs by building and combining multiple components.

Imperative Approach

```
const element = document.createElement('p');
element.innerHTML = `Hello, { name }! `;
document.body.appendChild(element);
```
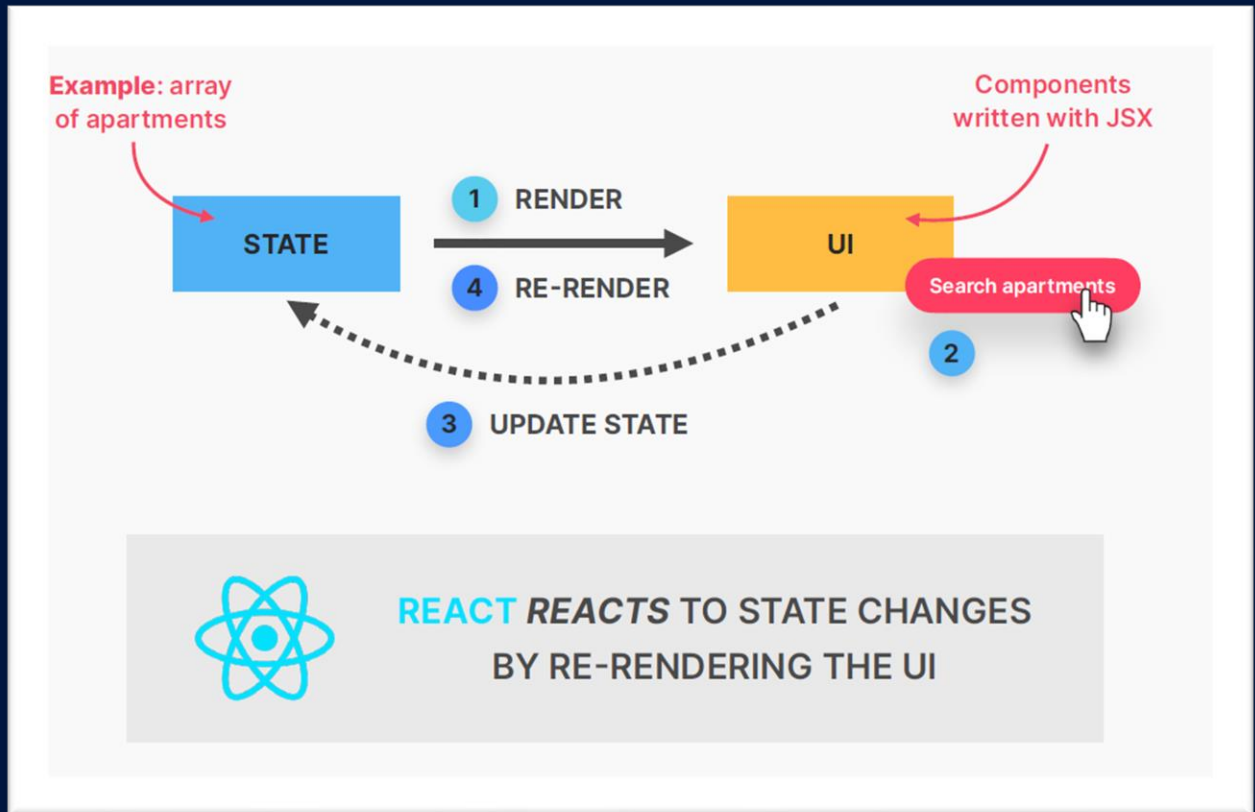
Declarative Approach

```
const Greet = ({ name })=> <p> Hello, { name }! </p>
```

React

State Driven

React

JavaScript Library

🤔 Is React a library or a framework?

Because React is only the "view" layer. We need to pick multiple external libraries to build a complete application

NEXT.js   Remix

Complete frameworks built on top of React

Extremely Popular

(Weekly downloads from NPM)
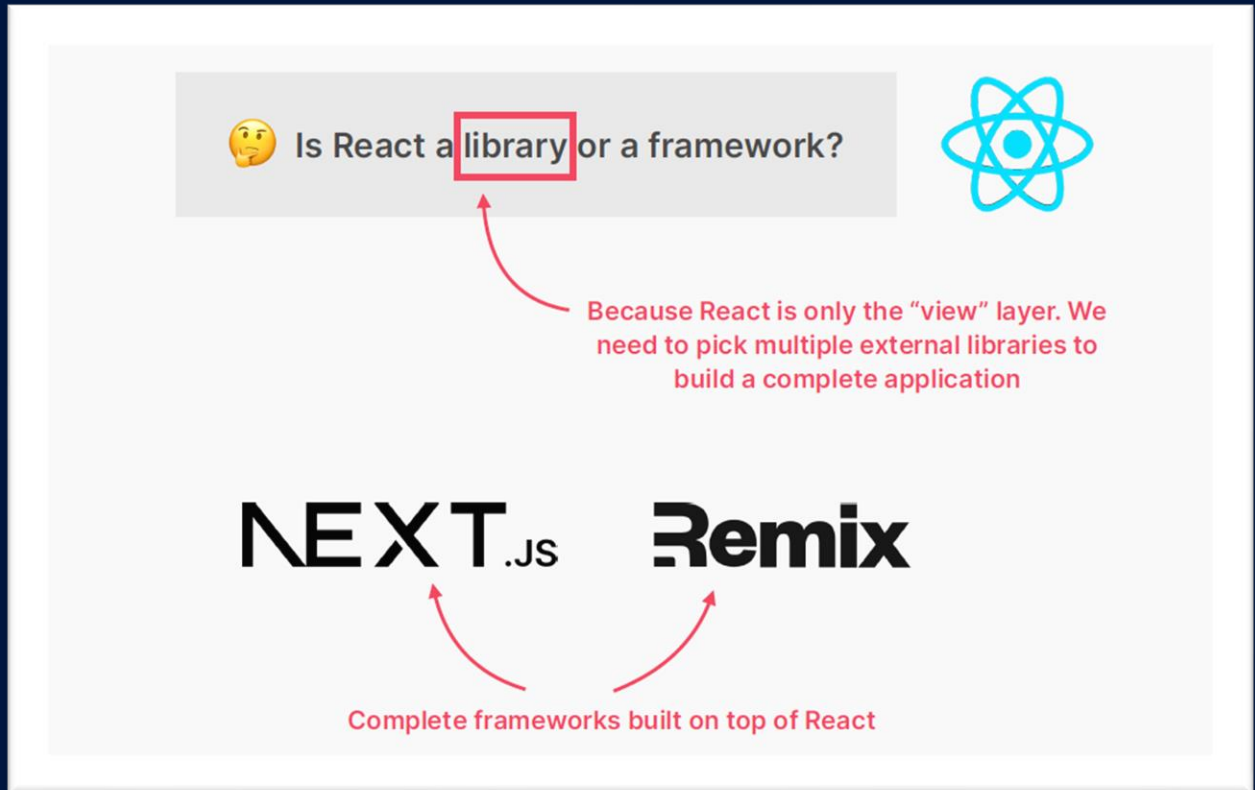
React is *extremely* popular

✅ Many large companies have adopted React

✅ Huge job market with high demand for React developers 🤑

✅ Large and vibrant React developer community

✅ Gigantic third-party library ecosystem

React

Created by Facebook

👉 React was created in **2011** by Jordan Walke, an engineer working at Facebook at the time

👉 React was open-sourced in **2013**, and has since then completely transformed front-end web development
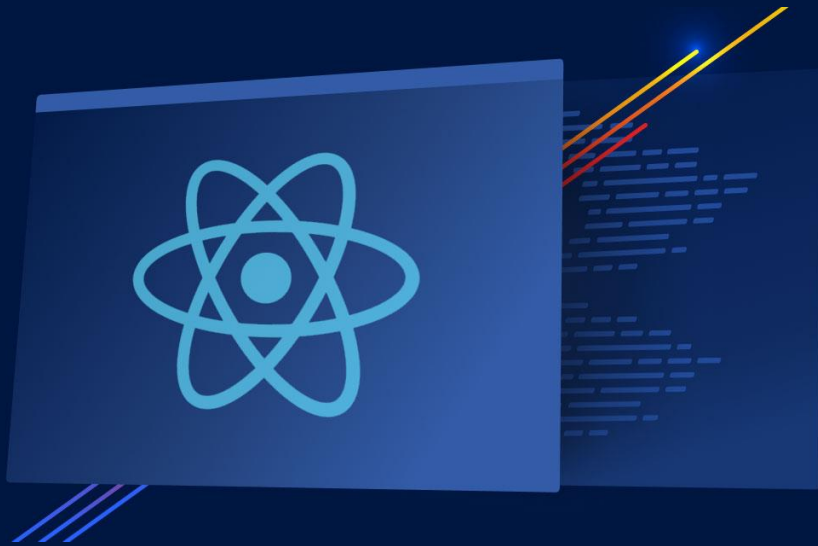
facebook

∞ Meta

React

Do you find it helpful?

Let me know down in the comments.