Pros:

using a virtual DOM, React can implement changes in a single element without updating the entire tree structure

<https://massivepixel.io/blog/react-advantages-disadvantages/>

Cons:

<https://www.trustradius.com/products/react/reviews?qs=pros-and-cons#reviews>

It can be difficult to manage the state and interactions between components as React applications grow increasingly complicated. As a result, the code could be challenging to read and maintain.

Client-Side Rendering

### Solution =>

### Complete SSR/SSG frameworks

​

* **SSR** - Server Side Rendering
* **SSG** - Server Side Generator

​In the programming world, many technologies have been built based on **React**. Among all these things, we have frameworks that let us build **React apps** rendered by a server or just generate html files based on the **React code**. An SSG example is [Gatsby](https://www.gatsbyjs.com/) which makes generating fast and SEO-friendly websites in **React** straightforward. Another useful framework is [Next.js](https://nextjs.org/) – with it we have SSG advantages and also the ability to create pages rendered in **React** by a server, which makes it easier to create dynamic and SEO-friendly web apps.