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Research Week 14
June 27, 2023

1. What are some competitors/alternatives to React? What makes them different? List at least 2.

Some of the competitors/ alternatives to React are Angular and Vue. Angular is a full-featured framework that provides a comprehensive solution for building web apps and follows a component-based structure. Vue is a java script framework that prides itself on its approachability and versatility. These alternatives differ from React in that React emphasizes a component-based and focuses on the view aspects while Angular and Vue provide more comprehensive frameworks and provide more additional tools and features.

2. What is Webpack and what problems does it solve?

Webpack is a very popular module bundler for java script applications. It helps manage dependencies and assets in complicated code. Webpack takes modules and dependencies and generates static assets that represent them. It allows for developers to bundle multiple assets like CSS, images, and Javascript files into just one bundle or multiple. It allows code splitting, and lazy loading to optimize the performance of sizable applications. This in turn enhances the performance of the application and the bundles of code. Basically is helps manage the complexity and difficulty that comes with organizing code and assets in web-applications, and allows developers to focus more on building apps and writing code and less time organizing large amounts of files.

https://www.browserstack.com/guide/angular-vs-react-vs-vue#:~:text=A simple difference between these,Vue with 18.97% of developers.