What is TypeScript and why do some companies use it?

TypeScript is an open-source JS based coding created by Microsoft. It is a object oriented, compiled language. It extends JavaScript and improves the developer experience. It enables developers to add type safety to their projects. TypeScript also provides more functionality to various other features, like interfaces, type aliases, abstract classes, function overloading, tuple, generics, etc. It can also help build and manage large-scale JS objects which are also reasons many companies use it.

https://www.contentful.com/

When should you use Redux?

When you have large amounts of state in an application that is needed in multiple points through out the app. If the state needs to be updated frequently. When the logic to a state may be complex. If the app has a medium-large sized codebase and/or many individuals are working on the app. If you need to see how the state is being updated over time.

https://redux.js.org/