- what is the difference between redux and redux toolkit ?

While Redux is powerful, it requires writing a lot of boilerplate code to set up the store, define actions, and write reducers. Redux Toolkit is an opinionated, batteries-included package that simplifies the Redux workflow. It provides utilities that streamline common Redux tasks, such as creating actions and reducers.

- what is the difference between fetch and axios ?

Fetch is a native browser API with a simple and lightweight design, suitable for basic use cases and modern browser-focused projects.

The Fetch API provides a **fetch() method** defined on the window object. It also provides a JavaScript interface for accessing and manipulating parts of the HTTP pipeline (requests and responses). The fetch method has one mandatory argument- the URL of the resource to be fetched. This method returns a Promise that can be used to retrieve the response to the request.

Axios, on the other hand, is a feature-rich library with broad browser support, making it an excellent choice for complex applications and legacy browser compatibility.

Axios is a Javascript library used to make HTTP requests from node.js or XMLHttpRequests from the browser and it supports the Promise API that is native to JS ES6. It can be used intercept HTTP requests and responses and enables client-side protection against XSRF. It also has the ability to cancel requests.

- what is the difference between bootstrap, react-bootstrap, and react-strap ?

Bootstrap is based on HTML, CSS, and JavaScript, an open-source front-end framework that helps to design responsive web applications. It creates responsive user interface design and styles the front-end components such as navigations, buttons, and columns according to screen layout.  
Bootstrap uses jQuery for JavaScript plugins. jQuery works on direct DOM manipulation and this procedure make it slow as compared to React. React and jQuery have similar effects but in a very different manner. React works on Virtual DOM by default. Virtual DOM is a lightweight version of actual DOM.  
These two Bootstrap libraries, Reactstrap and React-bootstrap provide us with Bootstrap Components without the need to use jQuery or JavaScript with direct DOM manipulation. Both libraries are licensed by MIT. React-bootstrap was developed in 2013 and Reactstrap was developed in early 2016. Reactstrap has more versions (200) than react-bootstrap (150).

React-Bootstrap is a Bootstrap component of version 4 that helps to make a web page responsive. It replaces Bootstrap JavaScript due to its unnecessary dependencies. Each component of react-bootstrap is designed internally from scratch as a real React component.  
It is one of the React libraries that get old, update, and grow with React itself and make the best choice to design a UI. It uses functions and hooks that make it stateful components.

The Reactstrap is a library of a whole bunch of components that work with bootstrap 4. Unlike react-bootstrap, it uses built-in, ready-to-use Bootstrap components that are redesigned as JSX.  
To use Reactstrap, we need to install both Bootstrap CSS and reactstrap components. It helps to create a responsive user interface. Reactstrap uses class components and maybe uses hooks in fewer updates. It is also an excellent choice to create a responsive mobile-first webpage.