**ReactJS interview questions**

1. What are the different approaches in React that you have used to handle binding of ‘this’ ? What’s your preferred approach ?

Ans:

1. Use Arrow function in the Render
2. Use Arrow function in the Class
3. Bind in Constructor
4. Bind in Render
5. What is Memoization in JavaScript and explain how this is related to React.memo, useMemo in ReactJS ?
6. Memorization is used for function performance
7. React's useMemo Hook can be used to optimize the computation costs of your React function components.

1. Explain closure in javascript. Please provide a use case where you have used closure in your projects.

Ans:

Closure give access to inner function from the outer function even though the outer function returns

function closureOuter() {

var name = ‘Closure’;

function closureInner() {

alert(name);

}

return closureInner;

}

var final = closureInner();

final();

1. One of the core design principles of React is to be “renderer-agnostic”. What does this mean and how is this useful ?
2. Assume that the homepage of your website renders very slowly, resulting in bad user experience. How would you go about analysing this issue and improve the user experience ? What are the best practices you consider for monitoring performance and avoiding such issues ?
3. Use optimize image when home page having images
4. Load minified versions of css and javascript