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5 TIPS FOR HOW TO IMPROVE WEBSITE SPEED WHICH IS BUILT ON TOP OF REACT.JS



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1

LAZY LOADING

- Use **lazy loading** to load images only when they are about to be shown.
- Example code using **react-lazy load**:

```
const LazyLoadedImage = ({ src, alt }) => {  
  return (  
    <img  
      src={src}  
      alt={alt}  
      loading="lazy"  
      className="lazy-loaded-image" // Apply the CSS class  
    />  
  );  
};  
  
export default LazyLoadedImage;
```

2

OPTIMIZE IMAGE

- Compress and **optimize** images for the web using tools like **TinyPNG**.
- Ensure faster loading times and improved performance.

3

REMOVE **INLINE** CSS

- **Avoid inline styles** in React components.
- Utilize **external stylesheets** for better organization.
- Example code for better styling:



```
const InlineCSSExample = () => {  
  return (  
    <div style={{ color: 'blue', fontSize: '20px' }}>  
      This text is styled with inline CSS.  
    </div>  
  );  
};  
  
export default InlineCSSExample;
```



```
// styles.css  
  
.carousel-item {  
  color: red;  
  font-size: 16px;  
}  
  
// Component.jsx  
import './styles.css';  
  
<div className="carousel-item">Content</div>
```

4

USE LAZY LOADING TO IMPORT COMPONENT

Load components only when needed using `---> React.lazy`.

```
// Use React.lazy to load components lazily
const LazyCarousel = React.lazy(() => import('./Carousel'));

// In your render
<Suspense fallback={<div>Loading...</div>}>
|   <LazyCarousel />
</Suspense>
```

5

OPTIMIZE FONT LOADING

Load only necessary font weights and styles to control font rendering behavior with the **font-display** property.

6

MINIFY AND BUNDLE CODE

Reduce file sizes by minifying and **bundling** JavaScript code using tools like **Webpack, parcel, vite** etc

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SHARE THIS INSIGHT NOW

- IMPLEMENT THESE TECHNIQUES TO ENHANCE YOUR GOOGLE PAGE SPEED
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