CODEBLOGGS / LightHouse Analysis / **Login Page**

PERFORMANCE suggestions for improvement

Current note : **71/100**

Largest Contentful Paint (LCP):

- Issue: The largest contentful element (img#headbar-logo-img) takes 2,320 ms to paint within the viewport.
- Solution: Optimize the loading of this image by compressing it and serving appropriately sized images. Consider lazy loading or preloading to improve LCP.

Reduce Unused JavaScript:

- Issue: Significant potential savings of 977KiB by reducing unused JavaScript, with the bulk coming from various modules.
- Solution: Review and eliminate unnecessary JavaScript modules. Defer loading scripts until they are required, improving overall performance and reducing network activity.

Minify JavaScript:

- Issue: There is a potential savings of 431 KiB by minifying JavaScript files, including the main bundle and extensions/plugins.
- Solution: Utilize minification techniques for JavaScript files to decrease payload sizes and improve script parse time, ultimately contributing to faster page loads and enhanced performance.

Preload Largest Contentful Paint image:

- Issue: The LCP image (img.logo-image) could benefit from preloading to improve LCP timings.
- Solution: Preload the LCP image to reduce the load time and improve Largest Contentful Paint metrics.

Properly Size Images:

- Issue: The image (img.logo-image) is not properly sized, leading to potential savings of 10.6 KiB.
- Solution: Resize and serve the image in the appropriate dimensions to save cellular data and enhance load time.

Minify CSS:

- Issue: Minification of CSS files can result in potential savings of 212.6 KiB.
- Solution: Minify CSS files to reduce network payload sizes, improving overall performance and speeding up page loads.

Serve Static Assets with an Efficient Cache Policy:

- Issue: There are static assets (bundle.js and CodeBlogg image) with no specified cache TTL.
- Solution: Implement an efficient cache policy for static assets to speed up repeat visits. Specify appropriate Cache TTL values for resources.

Reduce Unused CSS:

- Issue: There's potential savings of 255.2 KiB by reducing unused CSS rules.
- Solution: Identify and eliminate unused CSS rules to decrease bytes consumed by network activity, optimizing page loading.

Avoid Serving Legacy JavaScript to Modern Browsers:

- Issue: No potential savings mentioned, but it's advised to avoid serving unnecessary legacy JavaScript to modern browsers.
- Solution: Use modern script deployment strategies, such as module/nomodule feature detection, to reduce the amount of code shipped to modern browsers while retaining support for legacy browsers.

Page Prevented Back/Forward Cache Restoration:

- Issue: The page /admin/login is preventing back/forward cache restoration due to WebSocket usage.
- Solution: Consider optimizing WebSocket usage or alternative approaches to enable back/forward cache restoration, improving navigation speed for return visits.