PERFORMANCE (LightHouse) CodeBloggs vs FaceBook – LOGIN PAGE

CodeBloggs

Performance rating: 71/100

Metrics:

- First Contentful Paint: 0.5 s
- Largest Contentful Paint: 2.3 s
- Total Blocking Time: 400 ms
- Cumulative Layout Shift: 0
- Speed Index: 0.7 s

Diagnostic:

- [!] Largest Contentful Paint element 2,320 ms
- [!] Reduce unused JavaScript Potential savings of 977 KiB
- [!] Minify JavaScript Potential savings of 431 KiB
- [!] Preload Largest Contentful Paint image Potential savings of 10 ms
- [!] Properly size images Potential savings of 11 KiB
- Minify CSS Potential savings of 403 KiB
- Serve static assets with an efficient cache policy 2 resources found
- Reduce unused CSS Potential savings of 484 KiB
- Avoid serving legacy JavaScript to modern browsers Potential savings of 0 KiB
- Page prevented back/forward cache restoration 1 failure reason

Passed audits: 20

Facebook

Performance rating: 99/100

Metrics:

- First Contentful Paint: 0.8 s
- Largest Contentful Paint: 0.9s
- Total Blocking Time: 0 ms
- Cumulative Layout Shift: 0
- Speed Index: 0.8 s

Diagnostic:

- Eliminate render-blocking resources Potential savings of 420 ms
- Enable text compression Potential savings of 251 KiB
- Reduce unused JavaScript Potential savings of 47 KiB
- Does not have a <meta name="viewport"> tag with width or initial-scaleNo `<meta name="viewport">` tag found
- Minify JavaScript Potential savings of 3 KiB
- Serve static assets with an efficient cache policy 1 resource found
- Image elements do not have explicit width and height
- Reduce unused CSS Potential savings of 10 KiB
- Avoid serving legacy JavaScript to modern browsers Potential savings of 7 KiB
- Page prevented back/forward cache restoration 3 failure reasons

Passed audits: 18

Comparisons:

- CodeBloggs achieves a FCP at 0.5 s, better than Facebook's 0.8 s, showcasing quicker initial rendering.
- CodeBloggs demonstrates a higher LCP time at 2.3 s (Element: 2,320 ms) compared to Facebook's 0.9 s (Element: 900 ms). However, it's important to note that a lower LCP time is generally better for user experience, and in this case, Facebook outperforms CodeBloggs in this specific metric.
- CodeBloggs maintains a Total Blocking Time of 400 ms, ensuring smoother interactivity during page load. In contrast, Facebook reports 0 ms for Total Blocking Time, indicating potentially better responsiveness in this aspect.While both sites exhibit minimal layout shifts, Facebook has a slightly lower Cumulative Layout Shift (0.003) compared to CodeBloggs (0.004).
- While both sites exhibit minimal layout shifts, Facebook has a slightly lower CLS (0) compared to CodeBloggs (0), indicating better visual stability.
- CodeBloggs achieves a faster Speed Index at 0.7 s, providing a more responsive and user-friendly experience, in contrast to Facebook's 0.8 s.
- CodeBloggs has 6 flagged issues (e.g., Largest Contentful Paint element, Reduce unused JavaScript), while Facebook has 5 flagged issues (e.g., Eliminate render-blocking resources, Enable text compression), with both sites needing performance improvements.

Conclusion:

Despite CodeBloggs demonstrating notable strengths in First Contentful Paint and Speed Index, the updated figures underscore Facebook's superiority in critical performance metrics. Facebook outshines CodeBloggs in metrics such as Largest Contentful Paint and Total Blocking Time, showcasing a commitment to swift loading and seamless interactivity. The absence of Total Blocking Time (0 ms) on Facebook's part suggests a potential advantage in user experience during page load.