https://kiri-smith.github.io/code-refactor/

| 46 | 96 | 100 | 67 | PWA |

46
Performance

96
Accessibility

100
Best Practices

67
SEO
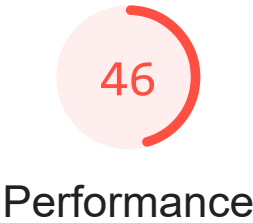
PWA
Progressive Web App

▲ 0–49   50–89   90–100

There were issues affecting this run of Lighthouse:

- **Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.**

46

Performance

Metrics

First Contentful Paint	2.1 s	Time to Interactive	3.7 s
Speed Index	4.6 s	▲ Total Blocking Time	1,220 ms
▲ Largest Contentful Paint	247.1 s	Cumulative Layout Shift	0.049

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

View Original Trace   **View Treemap**

Show audits relevant to: All | FCP | LCP | TBT | CLS

Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity   Estimated Savings

⚠ Properly size images   170.8 ⌄
5 s

⚠ Serve images in next-gen formats   150.1 ⌄
5 s

⚠ Efficiently encode images   102 s ⌄

Diagnostics — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

⚠ Avoid enormous network payloads   —   Total size was 48,974 KiB   ⌄

⚠ Serve static assets with an efficient cache policy   —   8 resources found   ⌄

⚠ Image elements do not have explicit `width` and `height`   ⌄

⚠ Minimize main-thread work   —   4.8 s   ⌄

   Reduce JavaScript execution time   —   1.6 s   ⌄

   Avoid chaining critical requests   —   1 chain found   ⌄

   Keep request counts low and transfer sizes small   —   11 requests • 48,974 KiB   ⌄

   Largest Contentful Paint element   —   1 element found   ⌄

   Avoid large layout shifts   —   5 elements found   ⌄

   Avoid long main-thread tasks   —   9 long tasks found   ⌄

Passed audits (24)   ⌄

96

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Contrast — These are opportunities to improve the legibility of your content.

⚠ Background and foreground colors do not have a sufficient contrast ratio.   ⌄

Additional items to manually check (10) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).   ⌄

Passed audits (13)   ⌄

Not applicable (30) ⌄

---

(100)

Best Practices

Trust and Safety

Ensure CSP is effective against XSS attacks ⌄

Passed audits (17) ⌄

Not applicable (1) ⌄

---

(67)

SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. Learn more.

Mobile Friendly — Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. Learn more.

⚠ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ⌄

⚠ Document doesn't use legible font sizes
Text is illegible because there's no viewport meta tag optimized for mobile screens. ⌄

⚠ Tap targets are not sized appropriately
Tap targets are too small because there's no viewport meta tag optimized for mobile screens ⌄

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app's content.

⚠ Document does not have a meta description ⌄

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ⌄

Passed audits (8)   ⌄

Not applicable (2)   ⌄

PWA
—

Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

Installable

⚠ Web app manifest or service worker do not meet the installability requirements — 1 reason   ⌄

PWA Optimized

⚠ Does not register a service worker that controls page and `start_url`   ⌄

   Redirects HTTP traffic to HTTPS   ⌄

⚠ Is not configured for a custom splash screen Failures: No manifest was fetched.   ⌄

⚠ Does not set a theme color for the address bar.
   Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.   ⌄

⚠ Content is not sized correctly for the viewport The viewport size of 980px does not match the window size of 360px.   ⌄

⚠ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found   ⌄

⚠ Does not provide a valid `apple-touch-icon`   ⌄

⚠ Manifest doesn't have a maskable icon No manifest was fetched   ⌄

Additional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not   ⌄
automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Runtime Settings

URL	https://kiri-smith.github.io/code-refactor/
Fetch Time	Sep 16, 2021, 7:01 AM EDT
Device	Emulated Moto G4
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)

CPU throttling	4x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/93.0.4577.63 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4420.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1285
Axe version	4.2.3

Generated by **Lighthouse** 8.1.0 | File an issue