FH_Lighthouse Report

https://psnaz.github.io/freezing-happy/

68	100	100	98	PWA
Performance	Accessibility	Best Practices	SEO	—

68

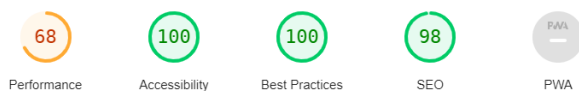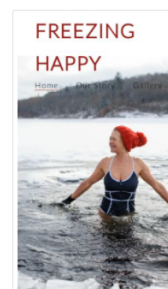## Performance

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

▲ 0–49   ■ 50–89   ● 90–100

FREEZING HAPPY

Home   Our Story   Gallery

METRICS

Collapse view

■ **First Contentful Paint**

2.6 s

First Contentful Paint marks the time at which the first text or image is painted. Learn more.

▲ **Time to Interactive**

10.4 s

Time to interactive is the amount of time it takes for the page to become fully interactive. Learn more.

■ **Speed Index**

5.7 s

Speed Index shows how quickly the contents of a page are visibly populated. Learn more.

■ **Total Blocking Time**

510 ms

Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds. Learn more.

■ **Largest Contentful Paint**

2.6 s

Largest Contentful Paint marks the time at which the largest text or image is painted. Learn more

● **Cumulative Layout Shift**

0

Cumulative Layout Shift measures the movement of visible elements within the viewport. Learn more.

⊞ View Treemap

Show audits relevant to: All   FCP   TBT   LCP   CLS

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Opportunity	Estimated Savings
▲ Properly size images	27.6 s ⌄
▲ Serve images in next-gen formats	25.05 s ⌄
▲ Reduce unused JavaScript	4.65 s ⌄
▲ Efficiently encode images	3.6 s ⌄
▲ Eliminate render-blocking resources	0.88 s ⌄
■ Reduce unused CSS	0.6 s ⌄

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

DIAGNOSTICS

▲ Serve static assets with an efficient cache policy — 13 resources found	⌄
▲ Ensure text remains visible during webfont load	⌄
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 1,560 ms	⌄
▲ Does not use passive listeners to improve scrolling performance	⌄
▲ Image elements do not have explicit width and height	⌄

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▲ Image elements do not have explicit width and height	⌄
▲ Avoid enormous network payloads — Total size was 7,882 KiB	⌄
▲ First Contentful Paint (3G) — 5190 ms	⌄
■ Minimize main-thread work — 3.6 s	⌄
■ Reduce JavaScript execution time — 2.3 s	⌄
○ Avoid chaining critical requests — 4 chains found	⌄
○ User Timing marks and measures — 4 user timings	⌄
○ Keep request counts low and transfer sizes small — 34 requests • 7,882 KiB	⌄
○ Largest Contentful Paint element — 1 element found	⌄
○ Avoid long main-thread tasks — 7 long tasks found	⌄

More information about the performance of your application. These numbers don't directly affect the Performance score.

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PASSED AUDITS (19)   Hide

● Defer offscreen images   ⌄

● Minify CSS   ⌄

● Minify JavaScript   ⌄

● Enable text compression — Potential savings of 18 KiB   ⌄

● Preconnect to required origins   ⌄

● Initial server response time was short — Root document took 140 ms   ⌄

● Avoid multiple page redirects   ⌄

○ Preload key requests   ⌄

● Use video formats for animated content   ⌄

● Remove duplicate modules in JavaScript bundles   ⌄

● Avoid serving legacy JavaScript to modern browsers   ⌄

○ Preload Largest Contentful Paint image   ⌄

● Avoids an excessive DOM size — 133 elements   ⌄

○ Lazy load third-party resources with facades   ⌄

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○ Lazy load third-party resources with facades   ⌄

○ Largest Contentful Paint image was not lazily loaded   ⌄

○ Avoid large layout shifts   ⌄

● Avoids `document.write()`   ⌄

○ Avoid non-composited animations   ⌄

● Has a `<meta name="viewport">` tag with `width` or `initial-scale`   ⌄

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100

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.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Hide

○ The page has a logical tab order   ⌄

○ Interactive controls are keyboard focusable   ⌄

○ Interactive elements indicate their purpose and state   ⌄

○ The user's focus is directed to new content added to the page   ⌄

○ User focus is not accidentally trapped in a region   ⌄

○ Custom controls have associated labels   ⌄

○ Custom controls have ARIA roles   ⌄

○ Visual order on the page follows DOM order   ⌄

○ Offscreen content is hidden from assistive technology   ⌄

○ HTML5 landmark elements are used to improve navigation   ⌄

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

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PASSED AUDITS (19)   Hide

● `[aria-*]` attributes match their roles   ⌄

● `[aria-hidden="true"]` is not present on the document `<body>`   ⌄

● `[aria-*]` attributes have valid values   ⌄

● `[aria-*]` attributes are valid and not misspelled   ⌄

● ARIA IDs are unique   ⌄

● Image elements have `[alt]` attributes   ⌄

● Form elements have associated labels   ⌄

● `[user-scalable="no"]` is not used in the `<meta name="viewport">` element and the `[maximum-scale]` attribute is not less than 5.   ⌄

● `[aria-hidden="true"]` elements do not contain focusable descendents   ⌄

● The page contains a heading, skip link, or landmark region   ⌄

● Background and foreground colors have a sufficient contrast ratio   ⌄

● Document has a `<title>` element   ⌄

● `<frame>` or `<iframe>` elements have a title   ⌄

● `<html>` element has a `[lang]` attribute   ⌄

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- `<html>` element has a `[lang]` attribute ⌄
- `<html>` element has a valid value for its `[lang]` attribute ⌄
- Links have a discernible name ⌄
- Lists contain only `<li>` elements and script supporting elements (`<script>` and `<template>`). ⌄
- List items (`<li>`) are contained within `<ul>` or `<ol>` parent elements ⌄
- Heading elements appear in a sequentially-descending order ⌄

NOT APPLICABLE (25)   Show

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Best Practices

TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks ⌄

PASSED AUDITS (14)   Hide

- Uses HTTPS ⌄
- Avoids requesting the geolocation permission on page load ⌄
- Avoids requesting the notification permission on page load ⌄
- Avoids front-end JavaScript libraries with known security vulnerabilities ⌄
- Allows users to paste into password fields ⌄
- Displays images with correct aspect ratio ⌄
- Serves images with appropriate resolution ⌄
- Page has the HTML doctype ⌄

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- Serves images with appropriate resolution ⌄
- Page has the HTML doctype ⌄
- Properly defines charset ⌄
- Avoids `unload` event listeners ⌄
- Avoids deprecated APIs ⌄
- No browser errors logged to the console ⌄
- No issues in the `Issues` panel in Chrome Devtools ⌄
- Page has valid source maps ⌄

NOT APPLICABLE (2)   Show

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98

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

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MOBILE FRIENDLY

■ Tap targets are not sized appropriately — 85% appropriately sized tap targets ⌃

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. Learn more.

Tap Target	Size	Overlapping Target
Gallery `<a href="#gallery">`	69x21	FREEZING HAPPY `<a href="index.html">`
Our Story `<a href="#our-story">`	93x21	FREEZING HAPPY `<a href="index.html">`

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.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Hide

○   Structured data is valid   ⌄

Run these additional validators on your site to check additional SEO best practices.

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68   100   100   98   N/A

PASSED AUDITS (11)   Hide

● Has a `<meta name="viewport">` tag with `width` or `initial-scale`   ⌄

● Document has a `<title>` element   ⌄

● Document has a meta description   ⌄

● Page has successful HTTP status code   ⌄

● Links have descriptive text   ⌄

● Links are crawlable   ⌄

● Page isn't blocked from indexing   ⌄

● Image elements have `[alt]` attributes   ⌄

● Document has a valid `hreflang`   ⌄

● Document uses legible font sizes — 100% legible text   ⌄

● Document avoids plugins   ⌄

NOT APPLICABLE (2)   Hide

○   robots.txt is valid   ⌄

○   Document has a valid `rel=canonical`   ⌄

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PWA

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 ⌃

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. Learn more.

Failure reason

No manifest was fetched

★ PWA OPTIMIZED

▲ Does not register a service worker that controls page and `start_url` ⌃

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. Learn more.

▲ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌃

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. Learn more.

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

The browser address bar can be themed to match your site. Learn more.

▲ Content is not sized correctly for the viewport
The viewport size of 1274px does not match the window size of 360px. ⌃

If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. Learn more.

● Has a `<meta name="viewport">` tag with `width` or `initial-scale` ⌄

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

For ideal appearance on iOS when users add a progressive web app to the home screen, define an `apple-touch-icon`. It must point to a non-transparent 192px (or 180px) square PNG. Learn More.

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

A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. Learn more.

ADDITIONAL ITEMS TO MANUALLY CHECK (3)   Hide

○ Site works cross-browser ⌄

○ Page transitions don't feel like they block on the network ⌄

○ Each page has a URL ⌄

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.

📅 Captured at Jan 30, 2022, 7:36 PM GMT   💻 Emulated Moto G4 with Lighthouse 9.0.0   👥 Single page load
⏱ Initial page load   📶 Unknown   🌐 Using HeadlessChromium 95.0.4638.69
                                                                                               with lr

Generated by **Lighthouse** 9.0.0 | File an issue