



100

100



Performance

Accessibility

Best Practices

SEO



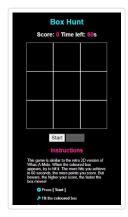
Performance

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

0-49

50-89

90-100



METRICS Expand view

First Contentful Paint

2.0 s

Speed Index

2.0 s

Largest Contentful Paint

2.0 s

Time to Interactive

2.1 s

Total Blocking Time

20 ms

Cumulative Layout Shift

0.001

View Original Trace

View Treemap





















Opportunity Estimated Savings

Eliminate render-blocking resources

0.62 s 🔨

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn more</u>. FCP (LCP)

| URL | Transfer Size | Potential Savings |
|--------------------------------------|------------------|----------------------|
| /7c6e646adf.js (kit.fontawesome.com) | 4.0 KiB | 810 ms |
| dist/email.min.js (cdn.jsdelivr.net) | 12.1 KiB | 930 ms |

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

DIAGNOSTICS

O Avoid chaining critical requests — 7 chains found

^

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. Learn more. FCP LCP

Maximum critical path latency: 430 ms

Initial Navigation

/ci-milestone-project-2/ (janet-dev.github.io)

- ...css/style.css (janet-dev.github.io) 130 ms, 1.31 KiB
- ...webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com) 60 ms, 105.92 KiB
- ...webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com) 80 ms, 147.58 KiB

/7c6e646adf.js (kit.fontawesome.com) - 60 ms, 3.99 KiB

- ...dist/email.min.js (cdn.jsdelivr.net) 40 ms, 12.15 KiB
- ...scripts/app.js (janet-dev.github.io) 150 ms, 1.87 KiB
- ...scripts/sendEmail.js (janet-dev.github.io) 150 ms, 0.64 KiB
- Keep request counts low and transfer sizes small 14 requests 306 KiB

| Resource Type | Requests | Transfer Size |
|---------------|----------|---------------|
| Total | 14 | 305.6 KiB |
| Font | 2 | 253.5 KiB |
| Other | 4 | 29.3 KiB |
| Script | 5 | 18.6 KiB |
| Document | 2 | 2.8 KiB |
| Stylesheet | 1 | 1.3 KiB |
| Image | 0 | 0.0 KiB |
| Media | 0 | 0.0 KiB |
| Third-party | 10 | 300.0 KiB |

O Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. <u>Learn More [LCP]</u>

| Element | |
|---------|----------------|
| | p.instructions |

O Avoid large layout shifts — 3 elements found

These DOM elements contribute most to the CLS of the page. CLS

| Element | | | CLS Contribution |
|---------|--------|--|------------------|
| | strong | | 0 |
| | | | |

| Element | CLS Contribution |
|---------|------------------|
| | |
| | li O |
| | li 0 |

 \bigcirc Avoid long main-thread tasks — 5 long tasks found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. Learn more [TBT]

✓ Show 3rd-party resources (1)

| URL | Start Time | Duration |
|---|------------|----------|
| /ci-milestone-project-2/ (janet-dev.github.io) | 993 ms | 393 ms |
| <pre>chrome-extension://aeblfdkhhhdcdjpifhhbdiojplfjncoa/inline/injected.js</pre> | 1,457 ms | 203 ms |
| /ci-milestone-project-2/ (janet-dev.github.io) | 896 ms | 97 ms |
| /7c6e646adf.js (kit.fontawesome.com) | 1,925 ms | 94 ms |
| /ci-milestone-project-2/ (janet-dev.github.io) | 1,404 ms | 53 ms |

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

Properly size images

Properly size images

Serve images that are appropriately-sized to save cellular data and improve load time. Learn more.

| Defer offscreen images | ^ |
|---|--------|
| Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. <u>Learn more</u> . | |
| Minify CSS | ^ |
| Minifying CSS files can reduce network payload sizes. <u>Learn more</u> . <u>FCP</u> <u>LCP</u> | |
| Minify JavaScript | ^ |
| Minifying JavaScript files can reduce payload sizes and script parse time. <u>Learn more</u> . FCP <u>LCP</u> | |
| Reduce unused CSS — Potential savings of 20 KiB | ^ |
| Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed network activity. Learn more. FCP LCP | by |
| URL Transfer Potenti | |
| /*! * Font Awesome Free 6.2.1 by @fontawesome - https://fontawesome.com * License - 20.2 KiB 20.0 K https://fontaw | ΪiΒ |
| Reduce unused JavaScript | ^ |
| Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network acting Learn more. [LCP] | ivity. |
| Efficiently encode images | ^ |
| Optimized images load faster and consume less cellular data. <u>Learn more</u> . | |
| Serve images in next-gen formats | ^ |
| Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. <u>Learn more</u> . | 3 |
| | |
| Enable text compression | ^ |

| more. FCP LCP | 1 |
|--|------------|
| Preconnect to required origins | ^ |
| Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party of Learn more. FCP (LCP) | rigins. |
| Initial server response time was short — Root document took 30 ms | ^ |
| Keep the server response time for the main document short because all other requests depend on it. <u>Learn more</u> . <u>FCI</u> | |
| URL Time S | pent |
| /ci-milestone-project-2/ (janet-dev.github.io) 30 |) ms |
| Avoid multiple page redirects | ^ |
| Redirects introduce additional delays before the page can be loaded. <u>Learn more</u> . <u>FCP</u> <u>LCP</u> | |
| O Preload key requests | ^ |
| Consider using ` <link rel="preload"/> ` to prioritize fetching resources that are currently requested later in page load. <u>Lea more</u> . FCP <u>LCP</u> | <u>rn</u> |
| Use HTTP/2 | ^ |
| HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more. | |
| Use video formats for animated content | ^ |
| Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. <u>Learn more (LCP)</u> | |
| Remove duplicate modules in JavaScript bundles | ^ |
| Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity (TBT) | <i>'</i> . |
| Avoid serving legacy JavaScript to modern browsers — Potential savings of 7 KiB | ^ |

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers. Learn More (TBT)

| | how 3rd-party resources (1) |
|---|-----------------------------|
| URL | Potential Savings |
| Preload Largest Contentful Paint image | ^ |
| Preload the image used by the LCP element in order to improve your LCP time. <u>Learn more</u> . <u>LCF</u> | |
| Avoids enormous network payloads — Total size was 306 KiB | ^ |
| Large network payloads cost users real money and are highly correlated with long load times. Le | arn more. (LCP) |
| ▼ S | how 3rd-party resources (7) |
| URL | Transfer Size |
| webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com) | 147.6 KiB |
| webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com) | 105.9 KiB |
| css/free.min.css?token=7c6e646adf (ka-f.fontawesome.com) | 23.0 KiB |
| dist/email.min.js (cdn.jsdelivr.net) | 12.1 KiB |
| css/free-v4-shims.min.css?token=7c6e646adf (ka-f.fontawesome.com) | 4.6 KiB |
| /7c6e646adf.js (kit.fontawesome.com) | 4.0 KiB |
| scripts/app.js (janet-dev.github.io) | 1.9 KiB |

1.8 KiB

1.3 KiB

1.0 KiB

/ci-milestone-project-2/ (janet-dev.github.io)

...css/free-v4-font-face.min.css?token=7c6e646adf (ka-f.fontawesome.com)

...css/style.css (janet-dev.github.io)

_

A long cache lifetime can speed up repeat visits to your page. Learn more.

✓ Show 3rd-party resources (1)

| URL | Cache TTL | Transfer Size |
|--|--------------|------------------|
| scripts/app.js (janet-dev.github.io) | 10 m | 2 KiB |
| css/style.css (janet-dev.github.io) | 10 m | 1 KiB |
| scripts/sendEmail.js (janet-dev.github.io) | 10 m | 1 KiB |
| dist/email.min.js (cdn.jsdelivr.net) | 7 d | 12 KiB |

Avoids an excessive DOM size — 61 elements

A large DOM will increase memory usage, cause longer <u>style calculations</u>, and produce costly <u>layout reflows</u>. <u>Learn more</u>. <u>(TBT)</u>

| Statistic | Element | | Value |
|------------------------|---------|-----------------------|-------|
| Total DOM Elements | | | 61 |
| Maximum DOM Depth | | i.fa-brands.fa-github | 5 |
| Maximum Child Elements | body | | 15 |

User Timing marks and measures

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. <u>Learn more</u>.

^

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more</u>. (TBT)

✓ Show 3rd-party resources (1)

| URL | Total CPU | Script | Script |
|--|-----------|------------|----------|
| | Time | Evaluation | Parse |
| /ci-milestone-project-2/ (janet-dev.github.io) | 821 ms | 192 ms | 284 ms |
| Unattributable | 278 ms | 20 ms | 0 ms |
| chrome- | 206 ms | 57 ms | 122 ms |
| extension://aeblfdkhhhdcdjpifhhbdiojplfjncoa/inline/injected.js | 200 1115 | 37 1115 | 122 1115 |
| /7c6e646adf.js (kit.fontawesome.com) | 79 ms | 66 ms | 1 ms |
| chrome- | | | |
| <pre>extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/ch- content-script-dend.js</pre> | 56 ms | 34 ms | 21 ms |
| | | | |

Minimizes main-thread work — 1.6 s

e halne

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. Learn more $\overline{\text{TBT}}$

| Category | Time Spent |
|------------------------------|------------|
| Script Parsing & Compilation | 459 ms |
| Other | 455 ms |
| Script Evaluation | 437 ms |
| Style & Layout | 149 ms |
| Rendering | 27 ms |
| Parse HTML & CSS | 26 ms |

Category Time Spent
Garbage Collection 18 ms

All text remains visible during webfont loads

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. Learn more. FCP [LCP]

Minimize third-party usage — Third-party code blocked the main thread for 0 ms

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. <u>Learn more</u>. (TBT)

| Third-Party | Transfer Size | Main-Thread Blocking Time |
|--|---------------|---------------------------|
| FontAwesome CDN | 287 KiB | 0 ms |
| webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com) | 148 KiB | 0 ms |
| webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com) | 106 KiB | 0 ms |
| css/free.min.css?token=7c6e646adf (ka-f.fontawesome.com) | 23 KiB | 0 ms |
| JSDelivr CDN | 12 KiB | 0 ms |
| dist/email.min.js (cdn.jsdelivr.net) | 12 KiB | 0 ms |

Lazy load third-party resources with facades

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. <u>Learn more</u>. <u>(TBT)</u>

Largest Contentful Paint image was not lazily loaded

Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. Learn more.

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance. Learn more.

Avoids document.write()

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. Learn more.

Avoids unload event listeners

Animations Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. Learn more CLS

Image elements have explicit width and height

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. Learn more CLS

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

A `<meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more. (TBT)

Avoids unload event listeners

The `unload` event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Use `pagehide` or `visibilitychange` events instead. <u>Learn more</u>



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 | ^ |
|---|---|
| Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more. | |
| Interactive controls are keyboard focusable | ^ |
| Custom interactive controls are keyboard focusable and display a focus indicator. Learn more. | |

| Interactive elements indicate their purpose and state | ^ |
|--|----------------|
| Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. <u>Learn more</u> . | |
| The user's focus is directed to new content added to the page | ^ |
| If new content, such as a dialog, is added to the page, the user's focus is directed to it. <u>Learn more</u> . | |
| User focus is not accidentally trapped in a region | ^ |
| A user can tab into and out of any control or region without accidentally trapping their focus. Learn more. | |
| Custom controls have associated labels | ^ |
| Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more</u> . | |
| Custom controls have ARIA roles | ^ |
| Custom interactive controls have appropriate ARIA roles. <u>Learn more</u> . | |
| Visual order on the page follows DOM order | ^ |
| DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> . | |
| Offscreen content is hidden from assistive technology | ^ |
| Offscreen content is hidden with display: none or aria-hidden=true. Learn more. | |
| HTML5 landmark elements are used to improve navigation | ^ |
| Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technol Learn more.</nav></main> | logy. |
| These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessi | <u>ibility</u> |

review.

PASSED AUDITS (18) Hide [aria-*] attributes match their roles ^

Each ARIA 'role' supports a specific subset of 'aria-*' attributes. Mismatching these invalidates the 'aria-*' attributes. Learn more. [aria-hidden="true"] is not present on the document <body> ^ Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document `<body>`. Learn more. [aria-*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. Buttons have an accessible name When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. Learn more. Form elements have associated labels ^ Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5. Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. Learn more. [aria-hidden="true"] elements do not contain focusable descendents Focusable descendents within an `[aria-hidden="true"]` element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn more. The page contains a heading, skip link, or landmark region Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. Learn more. Background and foreground colors have a sufficient contrast ratio

Low-contrast text is difficult or impossible for many users to read. Learn more. Document has a <title> element The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more. [id] attributes on active, focusable elements are unique All focusable elements must have a unique 'id' to ensure that they're visible to assistive technologies. Learn more. html> element has a [lang] attribute If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. Learn more. html> element has a valid value for its [lang] attribute Specifying a valid BCP 47 language helps screen readers announce text properly. Learn more. Links have a discernible name Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. Learn more. Lists contain only elements and script supporting elements (<script> and <template>). Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. Learn more. List items () are contained within or parent elements Screen readers require list items ('') to be contained within a parent '' or '' to be announced properly. Learn more. Heading elements appear in a sequentially-descending order Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. Learn more.

NOT APPLICABLE (26)

| Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Leam more. O button, 1ink, and menuites elements have accessible names A When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. O ARIA input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. O ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. O ARIA progressbar elements have accessible names A When a 'progressbar' element doesn't have an accessible names A When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. O [rote]s have all required [aria**] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. O Elements with an ARIA [rote] that require children to contain a specific [rote] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. O [rote]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | O [accesskey] values are unique | ^ |
|--|--|-------------|
| When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA input fields have accessible names When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. (role]'s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. (role]'s are contained by their required parent element | Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Lea | irn more. |
| for users who rely on screen readers. Learn more. ARIA input fields have accessible names When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names ARIA progressbar element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-1] attributes ACCEDENT STATES | O button, link, and menuitem elements have accessible names | ^ |
| When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | | usable |
| for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | ARIA input fields have accessible names | ^ |
| When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | | nusable |
| for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | ARIA meter elements have accessible names | ^ |
| When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | | usable |
| it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | ARIA progressbar elements have accessible names | ^ |
| Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. © Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. © [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | | making |
| Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | O [role]s have all required [aria-*] attributes | ^ |
| Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more . O [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more</u> . | |
| © [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. | Elements with an ARIA [role] that require children to contain a specific [role] have all required children. | ^ |
| Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. <u>Learn more</u> . | Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn mor | <u>re</u> . |
| Learn more. | O [role]s are contained by their required parent element | ^ |
| O [role] values are valid | | nctions. |
| | O [role] values are valid | ^ |

| ARIA roles must have valid values in order to perform their intended accessibility functions. <u>Learn more</u> . | |
|---|---------------|
| O ARIA toggle fields have accessible names | ^ |
| When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making for users who rely on screen readers. <u>Learn more</u> . | g it unusable |
| O ARIA tooltip elements have accessible names | ^ |
| When an element doesn't have an accessible name, screen readers announce it with a generic name, making if for users who rely on screen readers. <u>Learn more</u> . | it unusable |
| O ARIA treeitem elements have accessible names | ^ |
| When an element doesn't have an accessible name, screen readers announce it with a generic name, making if for users who rely on screen readers. <u>Learn more</u> . | it unusable |
| <dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.</td><td>^</td></tr><tr><td>When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. L</td><td><u>Learn more</u>.</td></tr><tr><td></td><td></td></tr><tr><td>O Definition list items are wrapped in <dl> elements</td><td>^</td></tr><tr><td>Definition list items are wrapped in <dl> elements Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen reade properly announce them. Learn more.</td><td></td></tr><tr><td>Definition list items ('<dt>' and '<dd>') must be wrapped in a parent '<dl>' element to ensure that screen reade</td><td></td></tr><tr><td>Definition list items ('<dt>' and '<dd>') must be wrapped in a parent '<dl>' element to ensure that screen reade properly announce them. <u>Learn more</u>.</td><td>ers can</td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen reade properly announce them. Learn more. O ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technological description.</td><td>ers can</td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen reade properly announce them. Learn more. O ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technology.</td><td>ers can ogies. <u>Learn</u></td></tr><tr><td>Definition list items ('<dt>' and '<dd>') must be wrapped in a parent '<dl>' element to ensure that screen reade properly announce them. Learn more. O ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technolomore. O No form fields have multiple labels Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers when the confusion of the con</td><td>ers can ogies. <u>Learn</u></td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen reade properly announce them. Learn more. O ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. O No form fields have multiple labels Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers where the first, the last, or all of the labels. Learn more.</td><td>ers can ogies. <u>Learn</u></td></tr></tbody></table></script></dd></dt></dl> | |

| Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more. | |
|--|--|
| <pre></pre> | |
| When an image is being used as an ` <input/> ` button, providing alternative text can help screen reader users understand the purpose of the button. Learn more. | |
| The document does not use <meta http-equiv="refresh"/> | |
| Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. <u>Learn more</u> . | |
| O <object> elements have alternate text</object> | |
| Screen readers cannot translate non-text content. Adding alternate text to ` <object>` elements helps screen readers convey meaning to users. Learn more.</object> | |
| No element has a [tabindex] value greater than 0 | |
| A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. <u>Learn more</u> . | |
| Cells in a element that use the [headers] attribute refer to table cells within the same table. | |
| Screen readers have features to make navigating tables easier. Ensuring `` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. Learn more. | |
| elements and elements with [role="columnheader"/"rowheader"] have data cells they describe. | |
| Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. <u>Learn more</u> . | |
| O [lang] attributes have a valid value | |
| Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn more</u> . | |
| | |
| When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more. | |



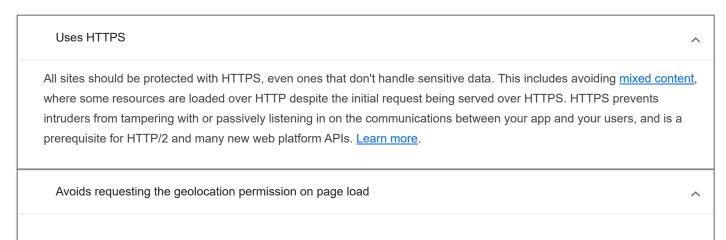
TRUST AND SAFETY

| С | Ensure CSP is effective against XSS attacks | | | ^ |
|---|--|----------------------------------|--------------------------|---|
| | A strong Content Security Policy (CSP) significantly reduces the ris | of cross-site scripting (XSS) at | tacks. <u>Learn more</u> | |
| | Description | Directive | Severity | |
| | No CSP found in enforcement mode | | High | |
| | | | | |

GENERAL

| 0 | Detected JavaScript libraries | | ^ |
|---|--|-------------------------------|---|
| | All front-end JavaScript libraries detected on | the page. <u>Learn more</u> . | |
| | Name | Version | |
| | core-js | core-js-global@3.26.1 | |
| | | | |

PASSED AUDITS (13)



| Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a u action instead. Learn more. | ser |
|--|-------|
| Avoids requesting the notification permission on page load | ^ |
| Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request user gestures instead. <u>Learn more</u> . | st to |
| Avoids front-end JavaScript libraries with known security vulnerabilities | ^ |
| Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. <u>Learn more.</u> | |
| Allows users to paste into password fields | ^ |
| Preventing password pasting undermines good security policy. <u>Learn more</u> . | |
| Displays images with correct aspect ratio | ^ |
| Image display dimensions should match natural aspect ratio. <u>Learn more</u> . | |
| Serves images with appropriate resolution | ^ |
| Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. <u>Learn more</u> . | |
| Page has the HTML doctype | ^ |
| Specifying a doctype prevents the browser from switching to quirks-mode. <u>Learn more</u> . | |
| Properly defines charset | ^ |
| A character encoding declaration is required. It can be done with a ` <meta/> ` tag in the first 1024 bytes of the HTML or in Content-Type HTTP response header. Learn more. | ı the |
| Avoids deprecated APIs | ^ |
| Deprecated APIs will eventually be removed from the browser. <u>Learn more</u> . | |
| No browser errors logged to the console | ^ |
| | |

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. <u>Learn more</u>

No issues in the Issues panel in Chrome Devtools

Issues logged to the 'Issues' panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.

Page has valid source maps

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. <u>Learn more</u>.

NOT APPLICABLE (1) Hide

Fonts with font-display: optional are preloaded

Preload 'optional' fonts so first-time visitors may use them. Learn more



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.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Hide

^

Structured data is valid

Run the <u>Structured Data Testing Tool</u> and the <u>Structured Data Linter</u> to validate structured data. <u>Learn more</u>.

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

PASSED AUDITS (11) Hide

Has a <meta name="viewport"> tag with width or initial-scale A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more. TBT Document has a <title> element The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more. Document has a meta description Meta descriptions may be included in search results to concisely summarize page content. Learn more. Page has successful HTTP status code Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more. Links have descriptive text Descriptive link text helps search engines understand your content. Learn more. Links are crawlable Search engines may use 'href' attributes on links to crawl websites. Ensure that the 'href' attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. Learn More Page isn't blocked from indexing Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more. Document has a valid hreflang hreflang links tell search engines what version of a page they should list in search results for a given language or region. Learn more. Document uses legible font sizes — 100% legible text Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Strive to

| | have >60% of page text | i ≥12px. <u>Learn more</u> . | | |
|--|-------------------------|------------------------------|---|-------------------------------|
| | Source | Selector | % of Page Text | Font Size |
| | Legible text | | 100.00% | ≥ 12px |
| | Document avoids plu | gins | | ^ |
| | Search engines can't in | dex plugin content, and man | y devices restrict plugins or don't suppo | ort them. <u>Learn more</u> . |
| | Tap targets are sized | appropriately — 100% app | ropriately sized tap targets | ^ |
| Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, easy enough to tap without overlapping onto other elements. Learn more. | | | ough space around them, to be | |
| | | | | |

NOT APPLICABLE (3)

robots.txt is valid

If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. Learn more.

Image elements have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more.

Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. Learn more.

Captured at Jan 22, 2023, 4:30 PM GMT Initial page load

Emulated Moto G4 with Lighthouse 9.6.8 Slow 4G throttling Single page load

Using Chromium 109.0.0.0 with devtools