

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.



Performance

| Metrics | | | = |
|--------------------------|-------|-------------------------|-------|
| First Contentful Paint | 2.3 s | Time to Interactive | 2.4 s |
| Speed Index | 2.3 s | Total Blocking Time | 0 ms |
| Largest Contentful Paint | 2.3 s | Cumulative Layout Shift | 0.004 |

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



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

Opportunity Estimated Savings

Eliminate render-blocking resources 0.69 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>.

| | | Show 3rd-party res | sources (4) |
|----------|--|---------------------------------|----------------------|
| | URL | Transfer Size | Potential Savings |
| | css/bootstrap.min.css (cdnjs.cloudflare.com) | 21.8 KiB | 1,360 ms |
| | /jquery-3.5.1.slim.min.js (code.jquery.com) | 24.3 KiB | 1,350 ms |
| | js/bootstrap.bundle.min.js (cdn.jsdelivr.net) | 21.6 KiB | 1,220 ms |
| | css/all.css (use.fontawesome.com) | 13.4 KiB | 1,090 ms |
| | Remove unused CSS | | 0.15 s ^ |
| | Remove dead rules from stylesheets and defer the loading of CSS not used for above-the-funnecessary bytes consumed by network activity. <u>Learn more</u> . | old content to reduce | |
| | | Show 3rd-party res | sources (2) |
| | URL | Transfer Size | Potential Savings |
| | css/bootstrap.min.css (cdnjs.cloudflare.com) | 21.8 KiB | 21.2 KiB |
| | css/all.css (use.fontawesome.com) | 13.4 KiB | 13.3 KiB |
| A | Remove unused JavaScript | | Error! ^ |
| | Remove unused JavaScript to reduce bytes consumed by network activity. <u>Learn more</u> . | | |
| A | Remove duplicate modules in JavaScript bundles | | Error! ^ |
| | Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes co | nsumed by network acti | vity. |
| A | Avoid serving legacy JavaScript to modern browsers | | Error! ^ |
| | Polyfills and transforms enable legacy browsers to use new JavaScript features. However, modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy detection to reduce the amount of code shipped to modern browsers, while retaining support More | using module/nomodule | e feature |
| | gnostics — More information about the performance of your application. These numbers do formance score. | on't <u>directly affect</u> the | |
| A | Ensure text remains visible during webfont load | | ^ |
| | Leverage the font-display CSS feature to ensure text is user-visible while webfonts are load | ing. <u>Learn more</u> . | |
| | | Show 3rd-party res | sources (2) |
| | URL | | Potential Savings |
| | webfonts/fa-brands-400.woff2 (use.fontawesome.com) | | 60 ms |
| | webfonts/fa-solid-900.woff2 (use.fontawesome.com) | | 90 ms |

Avoid chaining critical requests — 6 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.

Maximum critical path latency: 620 ms

Initial Navigation

/about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io)

...css/bootstrap.min.css (cdnjs.cloudflare.com) - 70 ms, 21.83 KiB

/jquery-3.5.1.slim.min.js (code.jquery.com) - 120 ms, 24.27 KiB

...js/bootstrap.bundle.min.js (cdn.jsdelivr.net) - 130 ms, 21.65 KiB

...css/all.css (use.fontawesome.com)

...webfonts/fa-brands-400.woff2 (use.fontawesome.com) - 60 ms, 129.21 KiB

...webfonts/fa-solid-900.woff2 (use.fontawesome.com) - 90 ms, 139.24 KiB

...css/style.css (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io)

/css2?family=Mulish:ital,wght@0,400;0,500;1,300&display=swap (fonts.googleapis.com)

...v1/1Ptvg83HX....woff2 (fonts.gstatic.com) - 60 ms, 24.64 KiB

Keep request counts low and transfer sizes small — 12 requests • 387 KiB

To set budgets for the quantity and size of page resources, add a budget json file. Learn more.

| Resource Type | Requests | Transfer Size |
|---------------|----------|---------------|
| Total | 12 | 387.4 KiB |
| Font | 3 | 293.1 KiB |
| Script | 3 | 46.9 KiB |
| Stylesheet | 4 | 43.6 KiB |
| Document | 2 | 3.9 KiB |
| Image | 0 | 0 KiB |
| Media | 0 | 0 KiB |
| Other | 0 | 0 KiB |
| Third-party | 10 | 377.2 KiB |
| | | |

Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. Learn More

Element

p

Avoid large layout shifts — 5 elements found

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

| Element | CLS Contribution |
|------------------------------|------------------|
| h4.timeline-heading | 0.001 |
| p | 0.001 |
| h6 | 0.001 |
| ul.social-media.inline-block | 0.001 |
| h6 | 0 |
| | |

Avoid long main-thread tasks — 10 long tasks found

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

✓ Show 3rd-party resources (3)

| URL | Start Time | Duration |
|--|------------|----------|
| /about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io) | 911 ms | 197 ms |
| chrome-extension://dodmmooeoklaejobgleioelladacbeki/dist/bundles/gitpodify.bundle.js | 1,285 ms | 157 ms |
| /jquery-3.5.1.slim.min.js (code.jquery.com) | 2,202 ms | 93 ms |
| /about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io) | 1,489 ms | 89 ms |
| /about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io) | 1,578 ms | 75 ms |
| /about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io) | 1,157 ms | 68 ms |
| /about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io) | 848 ms | 63 ms |
| Unattributable | 1,225 ms | 60 ms |
| css/bootstrap.min.css (cdnjs.cloudflare.com) | 2,295 ms | 56 ms |
| js/bootstrap.bundle.min.js (cdn.jsdelivr.net) | 2,351 ms | 53 ms |

Passed audits (24)

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 — Potential savings of 3 KiB

Minifying CSS files can reduce network payload sizes. <u>Learn more</u>.

| | Show 3rd-party resour | r ces (0) |
|---|---|----------------------|
| URL | | Potentia Savings |
| css/style.css (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gi | tpod.io) 7.4 KiB | 2.9 KiB |
| Minify JavaScript | | ^ |
| Minifying JavaScript files can reduce payload sizes and script parse time | . <u>Learn more</u> . | |
| Efficiently encode images | | ^ |
| Optimized images load faster and consume less cellular data. <u>Learn mor</u> | <u>e</u> . | |
| Serve images in next-gen formats | | ^ |
| Image formats like JPEG 2000, JPEG XR, and WebP often provide bette faster downloads and less data consumption. <u>Learn more</u> . | r compression than PNG or JPEG, which mea | ans |
| Enable text compression | | ^ |
| Text-based resources should be served with compression (gzip, deflate of more. | r brotli) to minimize total network bytes. <u>Learr</u> | 1 |
| Preconnect to required origins | | ^ |
| Consider adding `preconnect` or `dns-prefetch` resource hints to establis Learn more. | h early connections to important third-party or | igins. |
| Initial server response time was short — Root document took 120 ms | | ^ |
| Keep the server response time for the main document short because all | other requests depend on it. <u>Learn more</u> . | |
| Avoid multiple page redirects | | / |
| Redirects introduce additional delays before the page can be loaded. Lea | arn more. | |
| Preload key requests | | ^ |
| Consider using ` <link rel="preload"/> ` to prioritize fetching resources that an more. | e currently requested later in page load. <u>Lear</u> | <u>n</u> |
| Use HTTP/2 | | ^ |
| HTTP/2 offers many benefits over HTTP/1.1, including binary headers, m | ultiplexing, and server push. <u>Learn more</u> . | |
| Use video formats for animated content | | ^ |
| Large GIFs are inefficient for delivering animated content. Consider using PNG/WebP for static images instead of GIF to save network bytes. Learn | | |
| Avoids enormous network payloads — Total size was 387 KiB | | ^ |
| Large network navioads cost users real money and are highly correlated | with long load times. Learn more | |

| | ✓ Show 3rd | -party resources (7) |
|---|---|--|
| URL | | Transfer Size |
| webfonts/fa-solid-900.woff2 (use.fontawesor | me.com) | 139.2 KiB |
| webfonts/fa-brands-400.woff2 (use.fontawes | some.com) | 129.2 KiB |
| v1/1Ptvg83HXwoff2 (fonts.gstatic.com) | | 24.6 KiB |
| /jquery-3.5.1.slim.min.js (code.jquery.com) | | 24.3 KiB |
| css/bootstrap.min.css (cdnjs.cloudflare.com) | | 21.8 KiB |
| js/bootstrap.bundle.min.js (cdn.jsdelivr.net) | | 21.6 KiB |
| css/all.css (use.fontawesome.com) | | 13.4 KiB |
| css/style.css (8000-d272d922-26dd-4345-94d | d5-490d13a8d64e.ws-eu01.gitpod.io) | 7.4 KiB |
| /about.html (8000-d272d922-26dd-4345-94d5-4 | 90d13a8d64e.ws-eu01.gitpod.io) | 2.8 KiB |
| chrome-extension://efaidnbmnnnibpcajpcglcle | efindmkaj/data/js/extn-utils.html | 1 KiB |
| Uses efficient cache policy on static assets — | - 1 resource found | ^ |
| A long cache lifetime can speed up repeat visit | ts to your page. <u>Learn more</u> . | |
| | | |
| | Show 3rd | -party resources (0) |
| URI | | -party resources (0) |
| URLcss/style.css (8000-d272d922-26dd-4345-94d | Cache | |
| | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) | TTL Transfer Size |
| css/style.css (8000-d272d922-26dd-4345-94d | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) | TTL Transfer Size None 7 KiB |
| css/style.css (8000-d272d922-26dd-4345-94dd-94dd-4345-94dd-94dd-94dd-94dd-94dd-94dd-94dd-94 | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) Ints use longer style calculations, and produce costly layout reflor | TTL Transfer Size None 7 KiB ws. Learn more. |
| css/style.css (8000-d272d922-26dd-4345-94d) Avoids an excessive DOM size — 115 eleme A large DOM will increase memory usage, cau Statistic | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) | TTL Transfer Size None 7 KiB ws. Learn more. Value |
| css/style.css (8000-d272d922-26dd-4345-94d) Avoids an excessive DOM size — 115 eleme A large DOM will increase memory usage, cau Statistic Total DOM Elements | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) Ints use longer style calculations, and produce costly layout reflor Element | TTL Transfer Size None 7 KiB ws. Learn more. Value 115 |
| css/style.css (8000-d272d922-26dd-4345-94dd) Avoids an excessive DOM size — 115 eleme A large DOM will increase memory usage, cau Statistic Total DOM Elements Maximum DOM Depth | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) Ints use longer style calculations, and produce costly layout reflor Element <i class="fa fa-phone"></i> | TTL Transfer Size None 7 KiB ws. Learn more. Value 115 12 |
| css/style.css (8000-d272d922-26dd-4345-94d) Avoids an excessive DOM size — 115 eleme A large DOM will increase memory usage, cau Statistic Total DOM Elements | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) Ints use longer style calculations, and produce costly layout reflor Element | TTL Transfer Size None 7 KiB ws. Learn more. Value 115 |
| css/style.css (8000-d272d922-26dd-4345-94dd) Avoids an excessive DOM size — 115 eleme A large DOM will increase memory usage, cau Statistic Total DOM Elements Maximum DOM Depth | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) Ints use longer style calculations, and produce costly layout reflor Element <i class="fa fa-phone"></i> | TTL Transfer Size None 7 KiB ws. Learn more. Value 115 12 |
| css/style.css (8000-d272d922-26dd-4345-94dd) Avoids an excessive DOM size — 115 eleme A large DOM will increase memory usage, cau Statistic Total DOM Elements Maximum DOM Depth Maximum Child Elements User Timing marks and measures | Cache d5-490d13a8d64e.ws-eu01.gitpod.io) Ints use longer style calculations, and produce costly layout reflor Element <i class="fa fa-phone"></i> | TTTL Transfer Size None 7 KiB ws. Learn more. Value 115 12 9 |

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

✓ Show 3rd-party resources (3)

| URL | Total CPU Time | Script Evaluation | Script Parse |
|---|-------------------|----------------------|-----------------|
| /about.html (8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io) | 733 ms | 106 ms | 32 ms |
| Unattributable | 418 ms | 12 ms | 1 ms |
| <pre>chrome- extension://dodmmooeoklaejobgleioelladacbeki/dist/bundles/gitpodify.bundle. js</pre> | 165 ms | 110 ms | 42 ms |
| /jquery-3.5.1.slim.min.js (code.jquery.com) | 144 ms | 78 ms | 8 ms |
| <pre>chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/data/js/ch-content- script-dend.js</pre> | 58 ms | 55 ms | 1 ms |
| css/bootstrap.min.css (cdnjs.cloudflare.com) | 56 ms | 0 ms | 0 ms |
| js/bootstrap.bundle.min.js (cdn.jsdelivr.net) | 51 ms | 37 ms | 7 ms |
| | | | |

Minimizes main-thread work — 1.7 s

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

| Category | Time Spent |
|------------------------------|------------|
| Other | 634 ms |
| Script Evaluation | 431 ms |
| Style & Layout | 303 ms |
| Parse HTML & CSS | 141 ms |
| Rendering | 119 ms |
| Script Parsing & Compilation | 96 ms |
| | |

Minimize third-party usage $\,$ — Third-party code blocked the main thread for 20 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>.

| | Third-Party | Transfer Size | Main-Thread Blocking Time |
|-------------|-------------|---------------|---------------------------|
| <u>jQue</u> | ry CDN | 24 KiB | 19 ms |
| <u>Font</u> | Awesome CDN | 282 KiB | 0 ms |
| Goo | gle Fonts | 26 KiB | 0 ms |
| Clou | dflare CDN | 22 KiB | 0 ms |
| <u>JSD</u> | elivr CDN | 22 KiB | 0 ms |
| | | | |

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. <u>Learn more</u>.

Avoid non-composited animations

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

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



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.

Navigation — These are opportunities to improve keyboard navigation in your application.

Heading elements are not 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. <u>Learn more</u>.

Failing Elements

h6

h6

Names and labels — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

Links do not 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. <u>Learn more</u>.

Failing Elements

- а
- а
- а

Failing Elements

[aria-*] attributes match their roles

| а | |
|--|--------------|
| a | |
| Additional items to manually check (10) — These items address areas which an automated testing tool cannot commore in our guide on conducting an accessibility review. | ver. Learn 🗸 |
| The page has a logical tab order | / |
| Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. <u>Learn more</u> . | |
| Interactive controls are keyboard focusable | / |
| Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn more</u> . | |
| 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> . | ctive |
| 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. <u>Learn more</u> . | |
| 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. <u>Learn more</u> . | |
| 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 to Learn more.</nav></main> | echnology. |
| Passed audits (14) | - |

[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. 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. ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by 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. 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 (<1i>) are contained within or parent elements

Each ARIA 'role' supports a specific subset of 'aria-*' attributes. Mismatching these invalidates the 'aria-*' attributes. Learn

Screen readers require list items (``) to be contained within a parent `` or `` to be announced properly. <u>Learn more</u>.

[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. <u>Learn more</u>.

Not applicable (25)

[accesskey] values are unique

Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. 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. <u>Learn more</u>.

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. <u>Learn more</u>.

[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. <u>Learn more</u>.

[role] values are valid

ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more.

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 it unusable for users who rely on screen readers. <u>Learn more</u>.

<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.

When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Learn more.

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 readers can properly announce them. <u>Learn more</u>.

[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. No form fields have multiple labels Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. Learn more. <frame> or <iframe> elements have a title Screen reader users rely on frame titles to describe the contents of frames. 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. <input type="image"> elements have [alt] text 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. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more. Presentational elements avoid using , <caption> or the [summary] attribute. A table being used for layout purposes should not include data elements, such as the thor caption elements or the summary attribute, because this can create a confusing experience for screen reader users. 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. Learn more. <object> elements have [alt] text Screen readers cannot translate non-text content. Adding alt text to `<object>` elements helps screen readers convey meaning to users. Learn more 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. Learn more. 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. Learn more.

[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>.

<video> elements contain a <track> element with [kind="captions"]

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more.

<video> elements contain a <track> element with [kind="description"]

Audio descriptions provide relevant information for videos that dialogue cannot, such as facial expressions and scenes. <u>Learn more</u>.



Best Practices

Trust and Safety

Links to cross-origin destinations are unsafe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities.

Learn more.

Failing Anchors

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- а
- а
- а
- а

Passed audits (14)

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, where some resources are loaded over HTTP despite the initial request being servedover HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. <u>Learn more</u>.

Avoids requesting the geolocation permission on page load

action instead. Learn more. 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 to user gestures instead. Learn more 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. Learn more. Allows users to paste into password fields Preventing password pasting undermines good security policy. Learn more Displays images with correct aspect ratio Image display dimensions should match natural aspect ratio. Learn more. Serves images with appropriate resolution Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn more. Page has the HTML doctype Specifying a doctype prevents the browser from switching to quirks-mode. Learn more 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 the Content-Type HTTP response header. Learn more. Avoids unload event listeners The 'unload' event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Consider using the 'pagehide' or 'visibilitychange' events instead. Learn More **Avoids Application Cache** Application Cache is deprecated. Learn more. **Detected JavaScript libraries** All front-end JavaScript libraries detected on the page. Learn more. Name Version 4.5.3 **Bootstrap** jQuery 3.5.1 Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. Learn more.

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user

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>



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. <u>Learn more</u>.

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. <u>Learn more</u>.

▲ Tap targets are not sized appropriately — 0% 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. <u>Learn more</u>.

| Tap Target | Size | Overlapping Target |
|------------|--------|--------------------|
| а | 174x17 | а |

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

Structured data is valid

Run the Structured Data Testing Tool and the Structured Data Linter to validate structured data. Learn more.

Passed audits (10)

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

Add a `<meta name="viewport">` tag to optimize your app for mobile screens. 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. <u>Learn more</u>.

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 H | TTP status codes ma | y not be indexed properly. <u>Learn</u> | more. | |
| | Links have descriptive text | | | | ^ |
| | Descriptive link text helps s | earch engines under | stand your content. <u>Learn more</u> . | | |
| | 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 ind | exing | | | ^ |
| | Search engines are unable | to include your pages | s in search results if they don't h | ave permission to crawl them. Learn more | <u>2</u> . |
| | Document has a valid href | lang | | | ^ |
| | hreflang links tell search engines what version of a page they should list in search results for a given language or region. <u>Learn more.</u> | | | | |
| | Document uses legible for | sizes — 100% legik | ole 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 ≥12px. <u>Learn more</u> . | | | | |
| | | | | Show 3rd-party resources | e (0) |
| | Source | Selector | % of Page Text | Font Size | |
| | Legible text | | 100.00% | ≥ 12px | |
| | Document avoids plugins | | | | ^ |
| | Search engines can't index | plugin content, and n | nany devices restrict plugins or c | on't support them. <u>Learn more</u> . | |
| No | t applicable (3) | | | | ^ |
| | robots.txt is valid | | | | ^ |
| | If your robots.txt file is malf indexed. <u>Learn more</u> . | ormed, crawlers may | not be able to understand how y | ou want your website to be crawled or | |
| | Image elements have [alt | attributes | | | ^ |
| | Informative elements shoul attribute. <u>Learn more</u> . | d aim for short, descr | iptive alternate text. Decorative e | elements can be ignored with an empty al | t |
| | Document has a valid rel= | canonical | | | ^ |
| | Canonical links suggest wh | ich URL to show in se | earch results. <u>Learn more</u> . | | |
| | | | | | |



Progressive Web App

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

Fast and reliable

Page load is fast enough on mobile networks A fast page load over a cellular network ensures a good mobile user experience. Learn more. Current page does not respond with a 200 when offline If you're building a Progressive Web App, consider using a service worker so that your app can work offline. Learn more. start_url does not respond with a 200 when offline No usable web app manifest found on page. A service worker enables your web app to be reliable in unpredictable network conditions. Learn more. Installable **Uses HTTPS** All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding mixed content, where some resources are loaded over HTTP despite the initial request being servedover HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. Learn more. 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. Web app manifest does not meet the installability requirements Failures: No manifest was fetched. Browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. Learn more. **PWA Optimized** Redirects HTTP traffic to HTTPS If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. 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.

| A | 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. <u>Learn more</u> . | | | | |
| | Content is sized correctly for the viewport | ^ | | | |
| | 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. <u>Learn more</u> . | | | | |
| | Has a <meta name="viewport"/> tag With width or initial-scale | ^ | | | |
| | Add a ` <meta name="viewport"/> ` tag to optimize your app for mobile screens. Learn more. | | | | |
| | Contains some content when JavaScript is not available | ^ | | | |
| | Your app should display some content when JavaScript is disabled, even if it's just a warning to the user that JavaScript is required to use the app. <u>Learn more</u> . | | | | |
| A | 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. <u>Learn More</u> . | | | | |
| A | 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. <u>Learn more</u> . | | | | |
| | | ^ | | | |
| | Learn more. ditional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not | ^ | | | |
| | Learn more. ditional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not comatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. | ^ | | | |
| | Learn more. ditional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not comatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. Site works cross-browser | ^ | | | |
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| | ditional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not comatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. Site works cross-browser To reach the most number of users, sites should work across every major browser. Learn more. Page transitions don't feel like they block on the network Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of | ^ | | | |

Runtime Settings

URL

https://8000-d272d922-26dd-4345-94d5-490d13a8d64e.ws-eu01.gitpod.io/about.html

Fetch Time Nov 18, 2020, 9:20 PM GMT

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/86.0.4240.198 Safari/537.36

User agent (network) Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like

Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 1044

Generated by Lighthouse 6.2.0 | File an issue