



80

100

100

Performance

Accessibility

Best Practices SEO

73

# 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

3.8 s

▲ Largest Contentful Paint

4.6 s

Total Blocking Time

140 ms

Cumulative Layout Shift

0.007

Speed Index

3.8 s

# View Treemap

# **View Original Trace**

















Show audits relevant to: All FCP LCP TBT CLS

## OPPORTUNITIES

Opportunity Estimated Savings

▲ Eliminate render-blocking resources 2.56s ∧

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn how to eliminate render-blocking resources</u>. FCP LCP

URL	Transfer Size	Potential Savings
JSDelivr CDN Cdn	95.5 KiB	2,210 ms
css/bootstrap.min.css (cdn.jsdelivr.net)	25.9 KiB	1,290 ms
dist/jquery.min.js (cdn.jsdelivr.net)	32.1 KiB	610 ms
umd/popper.min.js (cdn.jsdelivr.net)	21.2 KiB	150 ms
js/bootstrap.min.js (cdn.jsdelivr.net)	16.3 KiB	150 ms
Google Fonts Cdn	0.8 KiB	780 ms
/css?family=Syne&display=swap (fonts.googleapis.com)	0.8 KiB	780 ms
FontAwesome CDN Cdn	4.5 KiB	860 ms
/7c6e646adf.js (kit.fontawesome.com)	4.5 KiB	860 ms
Stripe Utility	142.3 KiB	2,410 ms
/v3/ (js.stripe.com)	142.3 KiB	2,410 ms



Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. <u>Learn how to reduce unused JavaScript</u>. [LCP]

URL	Transfer Size	Potential Savings
Stripe Utility	142.3 KiB	112.0 KiB
/v3/ (js.stripe.com)	142.3 KiB	112.0 KiB
JSDelivr CDN Cdn	32.1 KiB	22.0 KiB
dist/jquery.min.js (cdn.jsdelivr.net)	32.1 KiB	22.0 KiB

#### Serve images in next-gen formats

0.45s ^

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 about modern image formats</u>.

	URL	Resource Size	Potential Savings
gitpod.io 1st Party		117.0 KiB	62.2 KiB
body	/media/homepage_background_cropped.jpg (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	117.0 KiB	62.2 KiB

### Preconnect to required origins

0.30s ^

Consider adding preconnect or dns-prefetch resource hints to establish early connections to important third-party origins. Learn how to preconnect to required origins. (FCP) (LCP)

URL	Potential Savings
Stripe Utility	300 ms

URL	Potential Savings
https://js.stripe.com	300 ms
FontAwesome CDN Cdn	190 ms
https://ka-f.fontawesome.com	190 ms

Enable text compression 0.15s ^

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. <u>Learn more about text compression</u>. [FCP] [LCP]

✓ Show 3rd-party resources (1)

URL	Transfer Size	Potential Savings
gitpod.io 1st Party	25.9 KiB	20.2 KiB
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	19.6 KiB	15.9 KiB
css/base.css (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	6.3 KiB	4.3 KiB
JSDelivr CDN Cdn	20.7 KiB	13.4 KiB
umd/popper.min.js (cdn.jsdelivr.net)	20.7 KiB	13.4 KiB

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

#### DIAGNOSTICS

▲ Page prevented back/forward cache restoration — 10 failure reasons

Many navigations are performed by going back to a previous page, or forwards again. The back/forward cache (bfcache) can speed up these return navigations. <u>Learn more about the bfcache</u>

Failure reason	Failure type
Back/forward cache is disabled due to extensions using messaging API.	Pending browser support

Failure reason	Failure type
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	
/v3/m-outer-93afeebhtml (js.stripe.com)	
/inner.html (m.stripe.network)	
Back/forward cache is disabled by flags. Visit chrome://flags/#back-forward-cache to enable it locally on this device.	Not actionable
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	
Pages that JavaScript is injected into by extensions are not currently eligible for back/forward cache.	Not actionable
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	
/v3/m-outer-93afeebhtml (js.stripe.com)	
/inner.html (m.stripe.network)	
Pages that StyleSheet is injected into by extensions are not currently eligible for back/forward cache.	Not actionable
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	
/v3/m-outer-93afeebhtml (js.stripe.com)	
/inner.html (m.stripe.network)	

▲ Serve static assets with an efficient cache policy — 4 resources found

A long cache lifetime can speed up repeat visits to your page. <u>Learn more about efficient cache policies</u>.

# ✓ Show 3rd-party resources (2)

URL	Cache TTL	Transfer Size
Stripe Utility		157 KiB
/v3/ (js.stripe.com)	1m	142 KiB
/out-4.5.43.js (m.stripe.network)	5m	14 KiB
gitpod.io 1st Party		124 KiB
/media/homepage_background_cropped.jpg (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	None	117 KiB

URL	Cache TTL	Transfer Size
css/base.css (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	None	6 KiB

Minimize main-thread work — 2.7 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to minimize main-thread work [TBT]

Category	Time Spent
Other	1,318 ms
Script Evaluation	808 ms
Script Parsing & Compilation	199 ms
Style & Layout	197 ms
Parse HTML & CSS	66 ms
Garbage Collection	43 ms
Rendering	38 ms

O Avoid chaining critical requests — 10 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. <u>Learn how to avoid chaining critical requests</u>. FCP | LCP|

Maximum critical path latency: 651.739 ms

Initial Navigation

/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)

...css/bootstrap.min.css (cdn.jsdelivr.net) - 117.142 ms, 25.91 KiB

/css?family=Syne&display=swap (fonts.googleapis.com)

...v16/8vIS7w4qz....woff2 (fonts.gstatic.com) - 23.616 ms, 13.47 KiB

...css/base.css (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io) - 45.466 ms, 6.37 KiB

...webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com) - 67.813 ms, 106.29 KiB

...webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com) - 63.953 ms, 147.20 KiB

/7c6e646adf.js (kit.fontawesome.com) - 138.91 ms, 4.53 KiB

- ...dist/jquery.min.js (cdn.jsdelivr.net) 121.088 ms, 32.07 KiB
- ...umd/popper.min.js (cdn.jsdelivr.net) 103.774 ms, 21.20 KiB
- ...js/bootstrap.min.js (cdn.jsdelivr.net) 120.925 ms, 16.32 KiB

/v3/ (js.stripe.com) - 64.961 ms, 142.34 KiB

O Keep request counts low and transfer sizes small — 22 requests • 702 KiB

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

Resource Type	Requests	Transfer Size
Total	22.0	702.0 KiB
Font	3.0	267.0 KiB
Script	7.0	231.6 KiB
Image	1.0	117.2 KiB
Stylesheet	3.0	33.1 KiB
Other	5.0	30.4 KiB
Document	3.0	22.7 KiB
Media	0.0	0.0 KiB
Third-party	19.0	558.5 KiB

Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. <u>Learn more about the Largest Contentful Paint element</u> <u>LCP</u>

Element	
	h2.logo-font

Element			

O Avoid large layout shifts — 5 elements found

These DOM elements contribute most to the CLS of the page. <u>Learn how to improve CLS</u> <u>CLS</u>

Element	CLS Contribution
div.col.bg-danger.text-white	0.003
ul	0.002
h5.text-muted	0.001
button.navbar-toggler	0.000
span.asteriskField	0.000

O Avoid long main-thread tasks — 7 long tasks found

URL	Start Time	Duration
gitpod.io (1st Party)		421 ms
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	1,316 ms	161 ms
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	921 ms	142 ms
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	1,545 ms	60 ms
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	1,487 ms	58 ms
FontAwesome CDN Cdn		395 ms
/7c6e646adf.js (kit.fontawesome.com)	4,519 ms	329 ms
/7c6e646adf.js (kit.fontawesome.com)	1,960 ms	66 ms
Unattributable		253 ms
files/main.js (ide.gitpod.io)	1,063 ms	253 ms

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

Properly size images

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

Defer offscreen images

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. Learn how to defer offscreen images.

Minify CSS — Potential savings of 2 KiB

Minifying CSS files can reduce network payload sizes. Learn how to minify CSS. FCP [LCP]

URL	Transfer Size	Potential Savings
gitpod.io 1st Party	6.4 KiB	2.1 KiB
css/base.css (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	6.4 KiB	2.1 KiB

## Minify JavaScript — Potential savings of 16 KiB

Minifying JavaScript files can reduce payload sizes and script parse time. Learn how to minify JavaScript. FCP [LCP]

URL	Transfer Size	Potential Savings
<pre>chrome- extension://nngceckbapebfimnlniiiahkandclblb/content/notificationBar.js</pre>	13.7 KiB	8.9 KiB
<pre>chrome-extension://nngceckbapebfimnlniiiahkandclblb/content/autofill.js</pre>	14.9 KiB	7.6 KiB

## Reduce unused CSS — Potential savings of 45 KiB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. Learn how to reduce unused CSS. FCP LCP

## ✓ Show 3rd-party resources (1)

URL	Transfer Size	Potential Savings
JSDelivr CDN Cdn	25.9 KiB	24.8 KiB
css/bootstrap.min.css (cdn.jsdelivr.net)	25.9 KiB	24.8 KiB
Unattributable	20.2 KiB	20.0 KiB
<pre>/*! * Font Awesome Free 6.4.0 by @fontawesome - https://fontawesome.com * License - https://fonta</pre>	20.2 KiB	20.0 KiB

Efficiently encode images

Keep the server response time for the main document short because all other requests depend on it. <u>Learn more about the Time to First Byte metric</u>. FCP | LCP |

URL

gitpod.io (1st Party)

100 ms

/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)

100 ms

Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. Learn how to avoid page redirects. FCP [LCP]

Preload key requests

Consider using link rel=preload> to prioritize fetching resources that are currently requested later in page load. <u>Learn</u> how to preload key requests. FCP | LCP |

Use HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more about HTTP/2.

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 about efficient video formats</u> [LCP]

Remove duplicate modules in JavaScript bundles

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. 

 TBT

Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 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 how to use modern JavaScript (TBT)

URL		Potential Savings
JSDelivr CDN Cdn		0.2 KiB
umd/popper.min.js (cdn.jsdelivr.net)		0.2 KiB
popper.min.js:4	@babel/plugin-transform-classes	
Stripe Utility		0.0 KiB
/v3/ (js.stripe.com)		0.0 KiB
js.stripe.com/:1	@babel/plugin-transform-classes	

# Preload Largest Contentful Paint image

If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. <u>Learn more about preloading LCP elements</u>. <u>[LCP]</u>

Avoids enormous network payloads — Total size was 702 KiB

Large network payloads cost users real money and are highly correlated with long load times. <u>Learn how to reduce payload sizes</u>. <u>[LCP]</u>

Show 3rd-party resources (8)

URL	Transfer Size
FontAwesome CDN Cdn	276.6 KiB
webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	147.2 KiB
webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com)	106.3 KiB
css/free.min.css?token=7c6e646adf (ka-f.fontawesome.com)	23.1 KiB
Stripe Utility	142.3 KiB
/v3/ (js.stripe.com)	142.3 KiB
gitpod.io 1st Party	137.2 KiB
/media/homepage_background_cropped.jpg (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-	117.2 KiB

URL	Transfer Size
eu101.gitpod.io)	
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	19.9 KiB
JSDelivr CDN Cdn	95.5 KiB
dist/jquery.min.js (cdn.jsdelivr.net)	32.1 KiB
css/bootstrap.min.css (cdn.jsdelivr.net)	25.9 KiB
umd/popper.min.js (cdn.jsdelivr.net)	21.2 KiB
js/bootstrap.min.js (cdn.jsdelivr.net)	16.3 KiB

Avoids an excessive DOM size — 172 elements

A large DOM will increase memory usage, cause longer <u>style calculations</u>, and produce costly <u>layout reflows</u>. <u>Learn how to avoid an excessive DOM size</u>. <u>TBT</u>

Statistic	Element	Value
Total DOM Elements		172
Maximum DOM Depth	i.fas.fa-search	13
Maximum Child Elements	form.form.mb-2	12

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 about User Timing marks</u>.

JavaScript execution time - 0.9 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn how to reduce Javascript execution time</u>. TBT

✓ Show 3rd-party resources (3)

URL	Total CPU Time	Script Evaluation	Script Parse
Unattributable	1,385 ms	318 ms	11 ms
Unattributable	1,072 ms	31 ms	0 ms
files/main.js (ide.gitpod.io)	261 ms	246 ms	0 ms
<pre>chrome- extension://dodmmooeoklaejobgleioelladacbeki/dist/bundles/gitp odify.bundle.js</pre>	52 ms	41 ms	11 ms
gitpod.io 1st Party	669 ms	111 ms	94 ms
/products/add/ (8000-janetdev-cimilestonepro-y1mawb4qtt0.ws-eu101.gitpod.io)	669 ms	111 ms	94 ms
Stripe Utility	227 ms	157 ms	68 ms
/v3/ (js.stripe.com)	227 ms	157 ms	68 ms
FontAwesome CDN Cdn	129 ms	67 ms	2 ms
/7c6e646adf.js (kit.fontawesome.com)	129 ms	67 ms	2 ms
JSDelivr CDN Cdn	83 ms	68 ms	10 ms
dist/jquery.min.js (cdn.jsdelivr.net)	83 ms	68 ms	10 ms

All text remains visible during webfont loads

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

Minimize third-party usage — Third-party code blocked the main thread for 120 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 how to minimize third-party impact</u>. <u>(TBT)</u>

Third-Party	Transfer Size	Main-Thread Blocking Time
Stripe Utility	161 KiB	106 ms
/v3/ (js.stripe.com)	142 KiB	106 ms
/out-4.5.43.js (m.stripe.network)	14 KiB	0 ms
JSDelivr CDN Cdn	96 KiB	11 ms
dist/jquery.min.js (cdn.jsdelivr.net)	32 KiB	11 ms
css/bootstrap.min.css (cdn.jsdelivr.net)	26 KiB	0 ms
umd/popper.min.js (cdn.jsdelivr.net)	21 KiB	0 ms
js/bootstrap.min.js (cdn.jsdelivr.net)	16 KiB	0 ms
FontAwesome CDN Cdn	288 KiB	0 ms
webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	147 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
Google Fonts Cdn	14 KiB	0 ms
v16/8vIS7w4qzwoff2 (fonts.gstatic.com)	13 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 how to defer third-parties with a facade</u>. [TBT]

## 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. <u>Learn more about optimal lazy loading</u>. [LCP]

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. <u>Learn more about adopting passive event listeners</u>.

Avoids document.write()

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

<ul> <li>Avoid non-composited animations</li> </ul>	
Animations which are not composited can be janky and increase CLS. <u>Learn how to avoid non-composited animations</u> <u>CLS</u>	)
Image elements have explicit width and height	
Set an explicit width and height on image elements to reduce layout shifts and improve CLS. <u>Learn how to set image</u> <u>dimensions</u> <u>CLS</u>	
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 <u>a 300 millisecond</u> <u>delay to user input</u>. <u>Learn more about using the viewport meta tag</u>. (TBT)



# 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.

ARIA



The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. <u>Learn</u> how to fix <u>duplicate ARIA IDs</u>.

Failing Elements	
a#user-options.text-black.nav-li	ink
	a#user-options.text-black.nav-link.d-block.d-lg-none

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

#### NAMES AND LABELS

Labels ensure that form form element labels.	controls are announced properly by assistive technologies, like screen readers. <u>Learn more abo</u>
Failing Elements	
	input#new-image.border-black.rounded-0
1 10 1	
e are opportunities to im stive technology, like a so	prove the semantics of the controls in your application. This may enhance the experience for use reen reader.
tive technology, like a so	
tive technology, like a so IGATION  Heading elements are Properly ordered headin	reen reader.
tive technology, like a so GATION Heading elements are Properly ordered headin	not in a sequentially-descending order  gs that do not skip levels convey the semantic structure of the page, making it easier to navigate

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

O The page has a logical tab order

	<u>logical tab ordering</u> .	
0	Interactive controls are keyboard focusable	^
	Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn how to make custom controls</u> <u>focusable</u> .	
0	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. Learn how to decorate interactive elements with affordance hints.	
0	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. Learn how to direct focus to new content.	
0	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 how to avoid focus tra	<u>ps</u> .
0	Custom controls have associated labels	^
	Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more about custom</u> <u>controls and labels</u> .	
0	Custom controls have ARIA roles	^
	Custom interactive controls have appropriate ARIA roles. <u>Learn how to add roles to custom controls</u> .	
0	Visual order on the page follows DOM order	^
	DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more about DOM and visual ordering.</u>	
0	Offscreen content is hidden from assistive technology	^
	Offscreen content is hidden with display: none or aria-hidden=true. Learn how to properly hide offscreen content.	
0	HTML5 landmark elements are used to improve navigation	^

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. <u>Learn more about</u>

Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology. Learn more about landmark elements.

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

PASSED AUDITS (15) Hide [aria-\*] attributes match their roles Each ARIA role supports a specific subset of aria-\* attributes. Mismatching these invalidates the aria-\* attributes. Learn how to match ARIA attributes to their roles. [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 how aria-hidden affects the document body. [aria-\*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more about valid values for ARIA attributes. [aria-\*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more about valid ARIA attributes. 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 how to make buttons more accessible. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.

web page. <u>Learn more about the viewport meta tag.</u>

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a

[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 how aria-hidden affects focusable elements.

Background and foreground colors have a sufficient contrast ratio

Low-contrast text is difficult or impossible for many users to read. Learn how to provide sufficient color contrast.

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 about document titles</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 how to fix duplicate ids.

<a href="html"><a html</a>> 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 about the lang attribute.

<html> element has a valid value for its [lang] attribute

Specifying a valid BCP 47 language helps screen readers announce text properly. Learn how to use the lang attribute.

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. <u>Learn how to make links accessible</u>.

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. <u>Learn more about proper list structure</u>.

List items () are contained within , or <menu> parent elements

Screen readers require list items () to be contained within a parent , or <menu> to be announced properly.
Learn more about proper list structure.

C	[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 me about access keys.	<u>ore</u>
С	button, link, and menuitem 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 how to make command elements more accessible.	е
С	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 unusal for users who rely on screen readers. <u>Learn more about input field labels</u> .	ble
С	ARIA meter elements have accessible names	^
	When a meter 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. <u>Learn how to name meter elements</u> .	
C	ARIA progressbar elements have accessible names	^
С	ARIA progressbar elements have accessible names  When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, mal it unusable for users who rely on screen readers. Learn how to label progressbar elements.	king
C	When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, male	king
C	When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, malit unusable for users who rely on screen readers. Learn how to label progressbar elements.	^
C	When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, male it unusable for users who rely on screen readers. Learn how to label progressbar elements.  [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 about role	^
	When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, male it unusable for users who rely on screen readers. Learn how to label progressbar elements.  [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 about role and required attributes.	es ^
	When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, male it unusable for users who rely on screen readers. Learn how to label progressbar elements.  [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 about role and required attributes.  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 about roles.	es ^

Hide

NOT APPLICABLE (26)

O [role] values are valid	^
ARIA roles must have valid values in order to perform their intended accessibility functions. <u>Learn more about valid roles.</u>	d ARIA
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 for users who rely on screen readers. <u>Learn more about toggle fields</u> .	unusable
<ul> <li>ARIA tooltip elements have accessible names</li> </ul>	^
When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making unusable for users who rely on screen readers. <u>Learn how to name tooltip elements</u> .	ng it
<ul> <li>ARIA treeitem elements have accessible names</li> </ul>	^
When a treeitem element doesn't have an accessible name, screen readers announce it with a generic name, runusable for users who rely on screen readers. Learn more about labeling treeitem elements.	naking it
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 about blocks.	<u>ıt bypass</u>
<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. <u>Leastructure definition lists correctly</u>.</td><td>arn how to</td></tr><tr><td>O Definition list items are wrapped in <dl> elements</td><td>^</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers cannounce them. Learn how to structure definition lists correctly.</td><td>an properly</td></tr><tr><td>No form fields have multiple labels</td><td>^</td></tr><tr><td>Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which the first, the last, or all of the labels. <u>Learn how to use form labels</u>.</td><td>use either</td></tr><tr><td><frame> or <iframe> elements have a title</td><td>^</td></tr><tr><td></td><td></td></tr></tbody></table></script></dd></dt></dl>	

Screen reader users rely on frame titles to describe the contents of frames. Learn more about frame titles. 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 about the alt attribute. <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 about input image alt text. 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 about the refresh meta tag. <object> elements have alternate text Screen readers cannot translate non-text content. Adding alternate text to <object> elements helps screen readers convey meaning to users. Learn more about alt text for object elements. 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 about the tabindex attribute. 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 about the headers attribute. 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 about table headers.

Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn</u> how to use the <u>lang</u> attribute.

[lang] attributes have a valid value

<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. <u>Learn more about video captions.</u>



# **Best Practices**

#### TRUST AND SAFETY

Ensure CSP is effective against XSS attacks

A strong Content Security Policy (CSP) significantly reduces the risk of cross-site scripting (XSS) attacks. <u>Learn how to use</u> a <u>CSP to prevent XSS</u>

Description	Directive	Severity
No CSP found in enforcement mode		High

#### **GENERAL**

Detected JavaScript libraries

All front-end JavaScript libraries detected on the page. Learn more about this JavaScript library detection diagnostic audit.

Name	Version
Bootstrap	4.6.2
jQuery	3.5.1

PASSED AUDITS (13)

**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 served over 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 about HTTPS. Avoids requesting the geolocation permission on page load Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. Learn more about the geolocation permission. 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. <u>Learn more about responsibly getting permission for notifications</u>. Allows users to paste into input fields Preventing input pasting is a bad practice for the UX, and weakens security by blocking password managers. Learn more about user-friendly input fields. Displays images with correct aspect ratio Image display dimensions should match natural aspect ratio. Learn more about image aspect ratio. Serves images with appropriate resolution Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn how to provide responsive images. Page has the HTML doctype Specifying a doctype prevents the browser from switching to quirks-mode. Learn more about the doctype declaration. 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 about declaring the character encoding. 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 about unload event listeners</u>

Avoids deprecated APIs

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

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. Learn more about this errors in console diagnostic audit

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 about source maps</u>.

URL	Map URL
Stripe Utility	
/v3/ (js.stripe.com)	sourcemaps/stripe-0e5f943js.map (js.stripe.com)
JSDelivr CDN Cdn	
umd/popper.min.js (cdn.jsdelivr.net)	umd/popper.min.js.map (cdn.jsdelivr.net)
js/bootstrap.min.js (cdn.jsdelivr.net)	js/bootstrap.min.js.map (cdn.jsdelivr.net)

NOT APPLICABLE (1) Hide

Fonts with font-display: optional are preloaded



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 <a href="Core Web Vitals">Core Web Vitals</a>. Learn more about Google Search Essentials.

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 about Structured Data</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 about using the viewport meta tag. TBT	<u>ınd</u>
Document has a <title> element&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if page is relevant to their search. &lt;u&gt;Learn more about document titles&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;a&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Document has a meta description&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Meta descriptions may be included in search results to concisely summarize page content. &lt;u&gt;Learn more about the metadescription&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;u&gt;1&lt;/u&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Page has successful HTTP status code&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>	

Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more about HTTP status codes.

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 about legible font sizes</u>.

Source	Selector	% of Page Text	Font Size
Legible text		100.00%	≥ 12px

Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. <u>Learn more about avoiding plugins</u>.

Tap targets are sized appropriately — 100% appropriately sized tap targets

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

NOT APPLICABLE (3) Hide

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 about robots.txt.	
Image elements have [alt] attributes	^
Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty a attribute. Learn more about the alt attribute.	alt
Document has a valid rel=canonical	^
Canonical links suggest which URL to show in search results. Learn more about canonical links.	

Captured at Jul 20, 2023, 11:59 AM GMT+1 Initial page load

Emulated Moto G Power with Lighthouse 10.1.1 Slow 4G throttling Single page load

Using Chromium 114.0.0.0 with devtools

Generated by **Lighthouse** 10.1.1 | File an issue