



Performance



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



Show audits relevant to: All FCP LCP TBT CLS

Size

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

Opportunity **Estimated Savings** Eliminate render-blocking resources 1.19 s ^ Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. Learn more. FCP LCP Show 3rd party resources (9) Transfer Potential URL Savings

URL	Transfer Size	Potential Savings
css/bootstrap.min.css (stackpath.bootstrapcdn.com)	24.3 KiB	1,370 ms
/css?family=Lato&display=swap (fonts.googleapis.com)	0.5 KiB	780 ms
css/base.css (vinyl-rack.s3.amazonaws.com)	8.2 KiB	920 ms
css/profile.css (vinyl-rack.s3.amazonaws.com)	0.7 KiB	770 ms
/jquery-3.4.1.min.js (code.jquery.com)	30.1 KiB	1,370 ms
umd/popper.min.js (cdn.jsdelivr.net)	7.4 KiB	1,060 ms
js/bootstrap.min.js (stackpath.bootstrapcdn.com)	16.2 KiB	300 ms
/2c410f4ae7.js (kit.fontawesome.com)	4.0 KiB	930 ms
/v3/ (js.stripe.com)	63.2 KiB	1,800 ms
Reduce unused JavaScript		0.6 s ^
Reduce unused JavaScript and defer loading scripts until they are required to decrease be Learn more. LCP	ytes consumed by netw	ork activity.
	Show 3rd party re	esources (2)
URL	Transfer Size	Potential Savings
/v3/ (js.stripe.com)	63.2 KiB	48.6 KiB
/jquery-3.4.1.min.js (code.jquery.com)	30.1 KiB	20.4 KiB
Reduce unused CSS		0.15 s ^
Reduce unused rules from stylesheets and defer CSS not used for above-the-fold contennetwork activity. <u>Learn more</u> . <u>FCP</u> <u>LCP</u>	t to decrease bytes con	sumed by
	Show 3rd-party re	esources (1)
URL	Transfer Size	Potential Savings
css/bootstrap.min.css (stackpath.bootstrapcdn.com)	24.3 KiB	23.2 KiB
/*! * Font Awesome Free 5.15.4 by @fontawesome - https://fontawesome.com * License https://fonta	- 12.0 KiB	11.9 KiB
	- 12.0 KiB	11.9 KiB
https://fonta	12.0 KIB	0.15 s ^
Enable text compression Text-based resources should be served with compression (gzip, deflate or brotli) to minim	12.0 KIB	0.15 s ^ Learn
https://fonta Enable text compression Text-based resources should be served with compression (gzip, deflate or brotli) to minim	nize total network bytes.	0.15 s ^ Learn
Enable text compression Text-based resources should be served with compression (gzip, deflate or brotli) to minim more. FCP LCP	ize total network bytes. ✓ Show 3rd-party re	0.15 s ^ Learn esources (1) Potential
Enable text compression Text-based resources should be served with compression (gzip, deflate or brotli) to minim more. FCP LCP URL	ize total network bytes. ✓ Show 3rd-party re Transfer Size	0.15 s ^ Learn esources (1) Potential Savings

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

Serve static assets with an efficient cache policy — 3 resources found

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

Show 3rd-party resources (3)

URL	Cache TTL	Transfer Size
/v3/ (js.stripe.com)	1 m	63 KiB
js/m-outer-2a901eajs (js.stripe.com)	1 m	2 KiB
/out-4.5.40.js (m.stripe.network)	5 m	28 KiB

Avoid chaining critical requests — 12 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: 620 ms

Initial Navigation

/profile/ (vinyl-rack.herokuapp.com)

...css/bootstrap.min.css (stackpath.bootstrapcdn.com) - 40 ms, 24.33 KiB

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

...v20/S6uyw4BMU....woff2 (fonts.gstatic.com) - 20 ms, 13.78 KiB

...css/base.css (vinyl-rack.s3.amazonaws.com) - 100 ms, 8.16 KiB

...css/profile.css (vinyl-rack.s3.amazonaws.com) - 100 ms, 0.75 KiB

 $... webfonts/free-fa-brands-400.woff2 \ \ (ka-f.fontawesome.com) \ \hbox{-}\ \ \textbf{170 ms, 75.79 KiB}$

 $... webfonts/free-fa-solid-900.woff2 \ (ka-f.fontawesome.com) \textbf{-220 ms, 77.15 KiB}$

/jquery-3.4.1.min.js (code.jquery.com) - 40 ms, 30.08 KiB

...umd/popper.min.js (cdn.jsdelivr.net) - 20 ms, 7.41 KiB

...js/bootstrap.min.js (stackpath.bootstrapcdn.com) - 50 ms, 16.15 KiB

/2c410f4ae7.js (kit.fontawesome.com) - 50 ms, 3.97 KiB

/v3/ (js.stripe.com) - 40 ms, 63.16 KiB

...js/countryfield.js (vinyl-rack.s3.amazonaws.com) - 100 ms, 0.77 KiB

Keep request counts low and transfer sizes small $\,-\,$ 23 requests • 407 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	23	407.0 KiB
Font	3	166.7 KiB
Script	8	150.8 KiB

Resource Type		Requests	Transfer Size
Document		3	34.7 KiB
Stylesheet		4	33.7 KiB
Other		5	21.0 KiB
Image		0	0.0 KiB
Media		0	0.0 KiB
Third-party		22	374.4 KiB
Largest Contentful F	aint element — 1 element found		^
This is the largest co	ontentful element painted within the viewpo	rt. <u>Learn More</u> (LCP)	
Element			
	h2.logo-font.mb-4		
Avoid large lavout st	nifts — 5 elements found		
	ts contribute most to the CLS of the page.		•
THOSE DOWN CICITION	to contribute most to the OLO of the page.	(020)	
Element			CLS Contribution
	div.col.banner-bg.text-white		
			0.002
			0.002
	ul.d-lg-none.pl-2		
			0.001
	ul.d-lg-none.pl-2		
			0.001
	p.my-0		
			0.001
	_		5.551

Element	CLS	Contribution
p.my-0		
		0
Avoid long main-thread tasks — 1 long task found		^
Lists the longest tasks on the main thread, useful for identifying worst contribut	tors to input delay. <u>Learn more</u> (TBT	
	Show 3rd-party re	esources (1)
URL	Start Time	Duration
/jquery-3.4.1.min.js (code.jquery.com)	3,203 ms	155 ms
assed audits (27)		^
Properly size images		^
Serve images that are appropriately-sized to save cellular data and improve lo	ad time. <u>Learn more</u> .	
Defer offscreen images		^
Consider lazy-loading offscreen and hidden images after all critical resources hinteractive. <u>Learn more</u> .	have finished loading to lower time	to
Minify CSS — Potential savings of 3 KiB		^
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> . FCP <u>LCP</u>		
	Show 3rd party re	esources (1)
URL	Transfer Size	Potential Savings
css/base.css (vinyl-rack.s3.amazonaws.com)	8.2 KiB	2.6 KiB
Minify JavaScript		^
Minifying JavaScript files can reduce payload sizes and script parse time. Lear	rn more. FCP (LCP)	
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 and less data consumption. <u>Learn more</u> .	G or JPEG, which means faster dov	vnloads
Preconnect to required origins		^
Consider adding `preconnect` or `dns-prefetch` resource hints to establish earl Learn more. FCP LCP	ly connections to important third-pa	rty origins.

Initial server response time was short — Root document took 200 ms	^
Keep the server response time for the main document short because all other requests depend or LCP	ı it. <u>Learn more</u> . (FCP)
	how 3rd-party resources (0)
URL	Time Spent
/profile/ (vinyl-rack.herokuapp.com)	200 ms
Avoid multiple page redirects	^
Redirects introduce additional delays before the page can be loaded. Learn more. FCP LCP	
Preload key requests	^
Consider using ` k rel=preload>` to prioritize fetching resources that are currently requested lat more. FCP LCP	er in page load. <u>Learn</u>
Use HTTP/2	^
HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn mo	ore.
Use video formats for animated content	^
Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos f PNG/WebP for static images instead of GIF to save network bytes. <u>Learn more</u> <u>LCP</u>	or animations and
Remove duplicate modules in JavaScript bundles	^
Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consume (TBT)	ed by network activity.
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 a modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using detection to reduce the amount of code shipped to modern browsers, while retaining support for le	module/nomodule feature
	how 3rd-party resources (2)
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>LCP</u>)
Avoids enormous network payloads — Total size was 407 KiB	^
Large network payloads cost users real money and are highly correlated with long load times. Lea	arn more. LCP
✓ SI	how 3rd-party resources (9)
URL	Transfer Size
webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	77.1 KiB
webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com)	75.8 KiB
/v3/ (js.stripe.com)	63.2 KiB

URL	Transfer Size
/profile/ (vinyl-rack.herokuapp.com)	32.5 KiB
/jquery-3.4.1.min.js (code.jquery.com)	30.1 KiB
/out-4.5.40.js (m.stripe.network)	27.6 KiB
css/bootstrap.min.css (stackpath.bootstrapcdn.com)	24.3 KiB
js/bootstrap.min.js (stackpath.bootstrapcdn.com)	16.2 KiB
v20/S6uyw4BMUwoff2 (fonts.gstatic.com)	13.8 KiB
css/free.min.css?token=2c410f4ae7 (ka-f.fontawesome.com)	13.4 KiB

Avoids an excessive DOM size — 465 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			465
Maximum DOM Depth	i.fas.fa-search		13
Maximum Child Elements		select#id_default_country.border-black.rounded-0.profile-form-input.lazyselect.form-control	250

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>.

JavaScript execution time — 0.1 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>. (TBT)

✓ Show 3rd-party resources (2)

URL	Total CPU Time	Script Evaluation	Script Parse
/profile/ (vinyl-rack.herokuapp.com)	283 ms	6 ms	2 ms
Unattributable	142 ms	10 ms	0 ms
/v3/ (js.stripe.com)	71 ms	57 ms	13 ms
/jquery-3.4.1.min.js (code.jquery.com)	63 ms	34 ms	5 ms

Minimizes main-thread work — 0.6 s

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

Category	Time Spent
Other	188 ms
Style & Layout	168 ms
Script Evaluation	158 ms
Parse HTML & CSS	61 ms
Rendering	34 ms
Script Parsing & Compilation	25 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>. <u>(TBT)</u>

Show 3rd party resources (0)

Third-Party	Transfer Size	Main-Thread Blocking Time
FontAwesome CDN	176 KiB	0 ms
webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	77 KiB	0 ms
webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com)	76 KiB	0 ms
css/free.min.css?token=2c410f4ae7 (ka-f.fontawesome.com)	13 KiB	0 ms
Other resources	10 KiB	0 ms
<u>Stripe</u>	95 KiB	0 ms
/v3/ (js.stripe.com)	63 KiB	0 ms
/out-4.5.40.js (m.stripe.network)	28 KiB	0 ms
Bootstrap CDN	40 KiB	0 ms
css/bootstrap.min.css (stackpath.bootstrapcdn.com)	24 KiB	0 ms
js/bootstrap.min.js (stackpath.bootstrapcdn.com)	16 KiB	0 ms
jQuery CDN	30 KiB	0 ms
/jquery-3.4.1.min.js (code.jquery.com)	30 KiB	0 ms
Google Fonts	14 KiB	0 ms
v20/S6uyw4BMUwoff2 (fonts.gstatic.com)	14 KiB	0 ms
Amazon Web Services	11 KiB	0 ms
css/base.css (vinyl-rack.s3.amazonaws.com)	8 KiB	0 ms
JSDelivr CDN	7 KiB	0 ms
umd/popper.min.js (cdn.jsdelivr.net)	7 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>

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 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



Accessibility

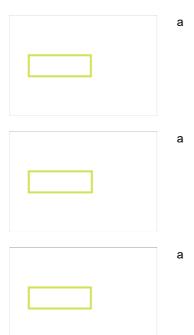
These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

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

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

Low-contrast text is difficult or impossible for many users to read. Learn more.

Failing Elements



Failing Elements

	a	
	a	
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	ally check (10) — These items address areas which an automated testing tool cannot cover. Louising an accessibility review.	arn ^
The page has a logical	tab order	^
Tabbing through the pa	age follows the visual layout. Users cannot focus elements that are offscreen. Learn more.	
Interactive controls are	keyboard focusable	^
Custom interactive con	trols are keyboard focusable and display a focus indicator. <u>Learn more</u> .	
Interactive elements in	dicate their purpose and state	^
Interactive elements, so elements. <u>Learn more</u> .	uch as links and buttons, should indicate their state and be distinguishable from non-interactive	
The user's focus is dire	ected to new content added to the page	^
If new content, such as	s a dialog, is added to the page, the user's focus is directed to it. <u>Learn more</u> .	
User focus is not accid		
A user can tab into and	entally trapped in a region	^
		^
Custom controls have a	entally trapped in a region d out of any control or region without accidentally trapping their focus. Learn more.	
	entally trapped in a region d out of any control or region without accidentally trapping their focus. Learn more.	^

ARIA IDs are unique

Custom interactive controls have appropriate ARIA roles. Learn more. Visual order on the page follows DOM order DOM order matches the visual order, improving navigation for assistive technology. Learn more. 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 technology. Learn more. Passed audits (20) [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-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. [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. 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.

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. 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. <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. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. 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 (<1i>) are contained within or parent elements Screen readers require list items ('') to be contained within a parent '' or '' to be announced properly. Learn more. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 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. 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. Not applicable (23) [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.

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 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 Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. [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. Learn more. ARIA tooltip 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 treeitem 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. $\verb|\dots| s contain only properly-ordered <dt>|\dots| and <dd>|\groups|, <script>|, <template>| or <div>| elements.$ 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. 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. <u>Learn more</u>.

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

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

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>.

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

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>.

[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.



Best Practices

Trust and Safety

▲ Includes front-end JavaScript libraries with known security vulnerabilities — 2 vulnerabilities detected

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. <u>Learn more</u>.

Library Version **Vulnerability Count Highest Severity** jQuery@3.4.1 2 Medium Ensure CSP is effective against XSS attacks A strong Content Security Policy (CSP) significantly reduces the risk of cross-site scripting (XSS) attacks. Learn more Description Directive Severity No CSP found in enforcement mode High Passed audits (16) **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. Links to cross-origin destinations are safe Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. Learn more. 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. 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. 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.

The `unload` event does not fire reliably and listening for Consider using the `pagehide` or `visibilitychange` even	or it can prevent browser optimizations like the Back-Forward Cache. nts instead. <u>Learn more</u>
Avoids Application Cache	
Application Cache is deprecated. <u>Learn more</u> .	
Detected JavaScript libraries	
All front-end JavaScript libraries detected on the page.	<u>Learn more</u> .
Name	Version
Bootstrap	4.4.1
jQuery	3.4.1
Avoids deprecated APIs	
Deprecated APIs will eventually be removed from the b	rowser. <u>Learn more</u> .
No browser errors logged to the console	
Errors logged to the console indicate unresolved proble concerns. <u>Learn more</u>	ems. They can come from network request failures and other browser
Page has valid source maps	
Source maps translate minified code to the original sou	rce code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. <u>Learn</u>
Source maps translate minified code to the original sou Lighthouse is able to provide further insights. Consider	rce code. This helps developers debug in production. In addition,
Source maps translate minified code to the original sou Lighthouse is able to provide further insights. Consider	rce code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. <u>Learn</u>
Source maps translate minified code to the original sou Lighthouse is able to provide further insights. Consider more.	rce code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. Learn Show 3rd-party resources (2)
Source maps translate minified code to the original sou Lighthouse is able to provide further insights. Consider more. URL	rce code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. Learn Show 3rd-party resources (2)
Source maps translate minified code to the original sou Lighthouse is able to provide further insights. Consider more. URL js/bootstrap.min.js (stackpath.bootstrapcdn.com)	rce code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. Learn Show 3rd-party resources (2) Map URL js/bootstrap.min.js.map (stackpath.bootstrapcdn.com)
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Source maps translate minified code to the original sour Lighthouse is able to provide further insights. Consider more. URL js/bootstrap.min.js (stackpath.bootstrapcdn.com) umd/popper.min.js (cdn.jsdelivr.net) No issues in the Issues panel in Chrome Devtools Issues logged to the `Issues` panel in Chrome Devtools failures, insufficient security controls, and other browse details on each issue.	Ince code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. Learn Show 3rd-party resources (2) Map URL js/bootstrap.min.js.map (stackpath.bootstrapcdn.com) umd/popper.min.js.map (cdn.jsdelivr.net) s indicate unresolved problems. They can come from network request r concerns. Open up the Issues panel in Chrome DevTools for 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) — Run these additional validators on your site to check additional SEO best practices.	^
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> .	
Passed audits (11)	^
Has a <meta name="viewport"/> tag With width or initial-scale	^
Add a ` <meta name="viewport"/> ` tag to optimize your app for mobile screens. <u>Learn more</u> .	
Document has a <title> element</td><td>^</td></tr><tr><td>The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine it page is relevant to their search. <u>Learn more</u>.</td><td>fa</td></tr><tr><td>Document has a meta description</td><td>^</td></tr><tr><td>Meta descriptions may be included in search results to concisely summarize page content. <u>Learn more</u>.</td><td></td></tr><tr><td>Page has successful HTTP status code</td><td>^</td></tr><tr><td>Pages with unsuccessful HTTP status codes may not be indexed properly. <u>Learn more</u>.</td><td></td></tr><tr><td>Links have descriptive text</td><td>^</td></tr><tr><td>Descriptive link text helps search engines understand your content. <u>Learn more</u>.</td><td></td></tr><tr><td>Links are crawlable</td><td>^</td></tr><tr><td>Search engines may use `href` attributes on links to crawl websites. Ensure that the `href` attribute of anchor element to an appropriate destination, so more pages of the site can be discovered. Learn More</td><td>ts links</td></tr><tr><td>Page isn't blocked from indexing</td><td>^</td></tr><tr><td>Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn</td><td>more.</td></tr><tr><td>Document has a valid hreflang</td><td>^</td></tr><tr><td>hreflang links tell search engines what version of a page they should list in search results for a given language or regi
Learn more.</td><td>ion.</td></tr><tr><td>Document uses legible font sizes — 100% legible text</td><td>^</td></tr><tr><td>Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. St</td><td>trive to</td></tr></tbody></table></title>	

have >60% of page text ≥12px. <u>Learn more</u>.

				Show 3rd party resources (0)			
	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. Learn more.							
	Tap targets are sized appro	priately — 100% appropriately size	ed 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> .							
No	t 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. <u>Learn more</u> .							
	Image elements have [alt]	attributes			^			
	Informative elements should attribute. <u>Learn more</u> .	d aim for short, descriptive alternate	text. Decorative elements car	n be ignored with an empty alt				
	Document has a valid rel=c	anonical			^			
	Canonical links suggest whi	ich URL to show in search results. <u>L</u>	<u>earn more</u> .					



Progressive Web App

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

Installable

Web app manifest or service worker do not meet the installability requirements — 4 reasons

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

Failure reason

Manifest start URL is not valid

Manifest does not contain a 'name' or 'short_name' field

Failure reason

No matching service worker detected. You may need to reload the page, or check that the scope of the service worker for the current page encloses the scope and start URL from the manifest.

Downloaded icon was empty or corrupted

PWA Optimized

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.

Does not redirect 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. <u>Learn more</u>.

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

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

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

Is not configured for a custom splash screen Failures: Manifest does not have `name`.

Does not register a service worker that controls page and start_url

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.

Provides 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>.

Manifest doesn't have a maskable icon.

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

Additional items to manually check (3) — These checks are required by the baseline <u>PWA Checklist</u> but are not automatically 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 performance. <u>Learn more</u>.

Each page has a URL

Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. <u>Learn more</u>.

Runtime Settings

URL https://vinyl-rack.herokuapp.com/profile/

Fetch Time Oct 17, 2021, 10:59 AM GMT+1

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/94.0.4606.81 Safari/537.36

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

Gecko) Chrome/94.0.4590.2 Mobile Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 1486

Axe version 4.2.3

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