





















Performance

Accessibility

Best Practices

SEO

Web App

0-49

50-89

90-100



Performance

Metrics			=
First Contentful Paint	2.7 s	First Meaningful Paint	3.9 s
Speed Index	3.0 s	First CPU Idle	4.4 s
Time to Interactive	4.4 s	▲ Max Potential First Input Delay	530 ms

View Trace

Values are estimated and may vary. The performance score is based only on these metrics.





















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

Opportunity **Estimated Savings**

Properly size images

9.93 s ^

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

Show 3rd-party resources (0)

URL

Size

Potential Savings



...img/MercedessF1Staff.webp (127.0.0.1)

2,613 KB

1,955 KB

Remove unused CSS		1.35 s 🔨
Remove dead rules from stylesheets and defer the loading of CSS not used for above-the	e-fold content to reduce	
unnecessary bytes consumed by network activity. <u>Learn more</u> .		
	Show 3rd-party re	esources (0)
URL	Size	Potential Savings
css/bootstrap.css (127.0.0.1)	208 KB	197 KB
Eliminate render-blocking resources		1.09 s ^
Resources are blocking the first paint of your page. Consider delivering critical JS/CSS in JS/styles. <u>Learn more</u> .	iine and deferring all nor	n-critical
	Show 3rd-party re	esources (1)
URL	Size	Potential Savings
	4 1/0	
css/resetStyle.css (127.0.0.1)	1 KB	170 ms
css/bootstrap.css (127.0.0.1)	208 KB	1,980 ms
css/font-awesome.min.css (cdnjs.cloudflare.com)	7 KB	930 ms
css/styles.css (127.0.0.1)	7 KB	470 ms
Minify CSS		0.6 s ^
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> .		
	Show 3rd party ro	esources (0)
URL	Size	Potential Savings
css/bootstrap.css (127.0.0.1)	208 KB	46 KB
gnostics — More information about the performance of your application. These numbers formance score. Serve static assets with an efficient cache policy — 7 resources found A long cache lifetime can speed up repeat visits to your page. Learn more.	don't <u>directly affect</u> the	^
, , , , , , , , , , , , , , , , , , ,	Show 3rd-party ro	230Hroca (0)
URL	Cache TTL	, ,
		Size
img/MercedessF1Staff.webp (127.0.0.1)	None	2,613 KB
img/RollsFrontGrill.webp (127.0.0.1)	None	1,093 KB
img/Marble.webp (127.0.0.1)	None	1,069 KB
css/bootstrap.css (127.0.0.1)	None	208 KB
css/styles.css (127.0.0.1)	None	7 KB

URL	Cache TTL	Siz
img/DiamondRimsLogo.svg (127.0.0.1)	None	3 KE
css/resetStyle.css (127.0.0.1)	None	1 KE
Ensure text remains visible during webfont load		
Leverage the font-display CSS feature to ensure text is user-visible while webfonts are	re loading. <u>Learn more</u> .	
	Show 3rd-party re	sources (6
URL		Potent Savin
v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)		20 m
v14/1Ptug8zYSwoff2 (fonts.gstatic.com)		30 m
v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)		30 m
v14/1Ptsg8zYSwoff2 (fonts.gstatic.com)		40 m
v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)		30 m
fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)		40 m
Avoid enormous network payloads — Total size was 5,267 KB		
	✓ Show 3rd-party res	•
URL	Show 3rd-party real	S
img/MercedessF1Staff.webp (127.0.0.1)	Show 3rd-party real	S 2,613 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)	✓ Show 3rd-party real ✓ Show 3rd-party real 	2,613 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)	✓ Show 3rd-party res ✓ Show 3rd-party	2,613 K 1,093 K 1,069 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)	Show 3rd-party real	2,613 K 1,093 K 1,069 K 208 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)	✓ Show 3rd-party res ✓ Show 3rd-party	2,613 K 1,093 K 1,069 K 208 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)3.4.1/jquery.min.js (cdnjs.cloudflare.com)	✓ Show 3rd-party res ✓ Show 3rd-party	2,613 K 1,093 K 1,069 K 208 K 140 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)	Show 3rd-party res	2,613 K 1,093 K 1,069 K 208 K 140 K 30 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)3.4.1/jquery.min.js (cdnjs.cloudflare.com)js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)	✓ Show 3rd-party res ✓ Show 3rd-party	2,613 K 1,093 K 1,069 K 208 K 140 K 30 K 21 K
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)3.4.1/jquery.min.js (cdnjs.cloudflare.com)js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)	✓ Show 3rd-party res ✓ Show 3rd-party	2,613 k 1,093 k 1,069 k 208 k 140 k 30 k 21 k 14 k
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)3.4.1/jquery.min.js (cdnjs.cloudflare.com)js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)v14/1Ptug8zYSwoff2 (fonts.gstatic.com)	✓ Show 3rd-party res	2,613 k 1,093 k 1,069 k 208 k 140 k 30 k 21 k 14 k
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)3.4.1/jquery.min.js (cdnjs.cloudflare.com)js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)		2,613 k 1,093 k 1,069 k 208 k 140 k 30 k 21 k 14 k 13 k
img/MercedessF1Staff.webp (127.0.0.1)img/RollsFrontGrill.webp (127.0.0.1)img/Marble.webp (127.0.0.1)css/bootstrap.css (127.0.0.1)fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com)3.4.1/jquery.min.js (cdnjs.cloudflare.com)js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)v14/1Ptrg8zYSwoff2 (fonts.gstatic.com)		2,613 K 1,093 K 1,069 K 208 K 140 K 30 K 21 K 14 K 13 K

Category	Time Spent
Rendering	1,204 ms
Style & Layout	1,130 ms
Parse HTML & CSS	240 ms
Script Evaluation	179 ms
Script Parsing & Compilation	23 ms

Avoid chaining critical requests — 11 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: 450 ms

Initial Navigation

/DiamondRims/WebApp/ (127.0.0.1)

```
...css/resetStyle.css (127.0.0.1) - 50 ms, 1.4 KB
```

...css/font-awesome.min.css (cdnjs.cloudflare.com) - 50 ms, 6.96 KB

...css/styles.css (127.0.0.1) - 60 ms, 6.58 KB

/css?family=... (fonts.googleapis.com) - 40 ms, 1.29 KB

...v14/1Ptrg8zYS....woff2 (fonts.gstatic.com) - 20 ms, 13.78 KB

...v14/1Ptug8zYS....woff2 (fonts.gstatic.com) - 30 ms, 13.23 KB

...v14/1Ptrg8zYS....woff2 (fonts.gstatic.com) - 30 ms, 12.94 KB

...v14/1Ptsg8zYS....woff2 (fonts.gstatic.com) - 40 ms, 12.81 KB

...v14/1Ptrg8zYS....woff2 (fonts.gstatic.com) - 30 ms, 12.95 KB

...fonts/fontawesome-webfont.woff2?v=4.7.0 (cdnjs.cloudflare.com) - 40 ms, 139.77 KB

Keep request counts low and transfer sizes small — 19 requests • 5,267 KB

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

Resource Type	Requests	Transfer Size
Total	19	5,267 KB
Image	5	4,778 KB
Stylesheet	5	224 KB
Font	6	205 KB
Script	2	51 KB
Document	1	9 KB
Media	0	0 KB
Other	0	0 KB

Total DOM Elements

Resource Type	Requests	Transfer Size
Third-party	11	264 KB
ssed audits (14)		^
Defer offscreen images		^
Consider lazy-loading offscreen and hidden interactive. <u>Learn more</u> .	images after all critical resources have finished loading to lower time	to
Minify JavaScript		^
Minifying JavaScript files can reduce payloa	ad sizes and script parse time. <u>Learn more</u> .	
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 JPEG 2000, JPEG XR, a faster downloads and less data consumption	and WebP often provide better compression than PNG or JPEG, which n. <u>Learn more</u> .	h means
Enable text compression		/
Text-based resources should be served with more.	n compression (gzip, deflate or brotli) to minimize total network bytes.	<u>Learn</u>
Preconnect to required origins		/
Consider adding `preconnect` or `dns-prefet Learn more.	tch` resource hints to establish early connections to important third-pa	arty origins.
Server response times are low (TTFB) — F	Root document took 10 ms	^
Time To First Byte identifies the time at which	ch your server sends a response. <u>Learn more</u> .	
Avoid multiple page redirects		/
Redirects introduce additional delays before	the page can be loaded. <u>Learn more</u> .	
Preload key requests		/
Consider using ` <link rel="preload"/> ` to priorit more.	tize fetching resources that are currently requested later in page load.	<u>Learn</u>
Use video formats for animated content		/
Large GIFs are inefficient for delivering anim PNG/WebP for static images instead of GIF	nated content. Consider using MPEG4/WebM videos for animations at to save network bytes. <u>Learn more</u>	nd
Avoids an excessive DOM size — 81 elem	ients	/
A large DOM will increase memory usage, o	cause longer <u>style calculations</u> , and produce costly <u>layout reflows</u> . <u>Lea</u>	arn more.

81

Statistic	Element	Value
Maximum DOM Depth		9
Maximum Child Elements	<body></body>	5
User Timing marks and measures		^
Consider instrumenting your app with the User Timing API to measure your a	pp's real-world performance during key use	er

JavaScript execution time — 0.2 s

experiences. Learn more.

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

Show 3rd-party resources (2)

URL	Total CPU Time	Script Evaluation	Script Parse
Other	4,144 ms	28 ms	9 ms
3.4.1/jquery.min.js (cdnjs.cloudflare.com)	110 ms	99 ms	10 ms
js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)	57 ms	52 ms	5 ms

Minimize third-party usage — Third-party code blocked the main thread for 40 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	Size	Main-Thread Blocking Time
Cloudflare CDN	197 KB	44 ms



Accessibility

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

Additional items to manually check (11) — These items address areas which an automated testing tool cannot cover. Learn ^ more in our guide on conducting an accessibility review.

The page has a logical tab order

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more.

Interactive controls are keyboard focusable

	Custom interactive controls are keyboard focusable and display a focus indicator. <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> .	
	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> .	
	Headings don't skip levels	^
	Headings are used to create an outline for the page and heading levels are not skipped. <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 technology Learn more.</nav></main>	_
Pa	ssed audits (19)	^
	[aria-*] attributes match their roles	^
	Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. <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. <u>Learn more</u> .	
	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. <u>Learn more</u> .	
	[role]s are contained by their required parent element	^
	Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. <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-*] 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. [id] attributes on the page are unique The value of an id attribute 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. 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. 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 <1i> elements and script supporting elements (<script> and <template>). Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. Learn more. List items () are contained within or parent elements

Screen readers require list items (``) to be contained within a parent `` or `` to be announced properly. <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 (16) [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. <audio> elements contain a <track> element with [kind="captions"] Captions make audio elements usable for deaf or hearing-impaired users, providing critical information such as who is talking, what they're saying, and other non-speech information. Learn more. <dl>'s contain only properly-ordered <dt> and <dd> groups, <script> or <template> 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. <frame> or <iframe> elements have a title Screen reader users rely on frame titles to describe the contents of frames. 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 th or 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. <u>Learn more</u>.

Cells in a element that use the [headers] attribute refer to table cells within the same table.

Screen readers have features to make navigating tables easier. Ensuring `` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. <u>Learn more</u>.

elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. <u>Learn more</u>.

[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

▲ Does not use HTTP/2 for all of its resources — 8 requests not served via HTTP/2

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

Show 3rd-party resources (0)

URL	Protocol
/DiamondRims/WebApp/ (127.0.0.1)	http/1.1
css/resetStyle.css (127.0.0.1)	http/1.1
css/bootstrap.css (127.0.0.1)	http/1.1
css/styles.css (127.0.0.1)	http/1.1
img/DiamondRimsLogo.svg (127.0.0.1)	http/1.1
img/MercedessF1Staff.webp (127.0.0.1)	http/1.1
img/Marble.webp (127.0.0.1)	http/1.1
img/RollsFrontGrill.webp (127.0.0.1)	http/1.1

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

Show 3rd-party resources (2)

URL Description TypeError: Cannot read property 'fn' of undefined at https://cdnjs.cloudflare.com/ajax/libs/twitterbootstrap/4.3.1/js/bootstrap.bundle.min.js:6:2477 at https://cdnjs.cloudflare.com/ajax/libs/twitterjs/bootstrap.bundle.min.js (cdnjs.cloudflare.co bootstrap/4.3.1/js/bootstrap.bundle.min.js:6:167 at https://cdnjs.cloudflare.com/ajax/libs/twitterbootstrap/4.3.1/js/bootstrap.bundle.min.js:6:204 TypeError: Cannot read property 'fn' of undefined at https://cdnjs.cloudflare.com/ajax/libs/twitterbootstrap/4.3.1/js/bootstrap.bundle.min.js:6:2477 at js/bootstrap.bundle.min.js (cdnjs.cloudflare.co https://cdnjs.cloudflare.com/ajax/libs/twitterbootstrap/4.3.1/js/bootstrap.bundle.min.js:6:167 at m) https://cdnjs.cloudflare.com/ajax/libs/twitterbootstrap/4.3.1/js/bootstrap.bundle.min.js:6:204

Passed audits (13)

Avoids Application Cache

Application Cache is deprecated. Learn more.

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. 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>.

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>.

Links to cross-origin destinations are safe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. <u>Learn more</u>.

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. <u>Learn more</u>.

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. 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.

Detected JavaScript libraries	^
All front-end JavaScript libraries detected on the page. <u>Learn n</u>	nore.
Name	Version
jQuery	3.4.1
jQuery (Fast path)	
Avoids requesting the notification permission on page load	^
Users are mistrustful of or confused by sites that request to set user gestures instead. <u>Learn more</u> .	nd notifications without context. Consider tying the request to
Avoids deprecated APIs	^
Deprecated APIs will eventually be removed from the browser.	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. L	earn more.



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>.

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 (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. 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 summ	arize page	content. <u>Learn more</u> .	
	Page has successful HTTP status code			^
	Pages with unsuccessful HTTP status codes may not be indexed proper	erly. <u>Learn r</u>	nore.	
	Links have descriptive text			^
	Descriptive link text helps search engines understand your content. Lea	arn more.		
	Page isn't blocked from indexing			^
	Search engines are unable to include your pages in search results if the	ey don't hav	ve permission to crawl the	nem. <u>Learn more</u> .
	Image elements have [alt] attributes			^
	Informative elements should aim for short, descriptive alternate text. De attribute. <u>Learn more</u> .	ecorative el	ements can be ignored	with an empty alt
	Document has a valid hreflang			^
	hreflang links tell search engines what version of a page they should lis <u>Learn more</u> .	t in search	results for a given langu	lage or region.
	Document uses legible font sizes — 100% legible text			^
	Font sizes less than 12px are too small to be legible and require mobile have >60% of page text ≥12px. <u>Learn more</u> .	visitors to	"pinch to zoom" in order	to read. Strive to
			✓ Show 3rd	party resources (0)
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Progressive Web App

These checks validate the aspects of a Progressive Web App. <u>Learn more</u>.

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. <u>Learn more</u> .	
A	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. <u>Learn more</u> .	
A	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. <u>Learn more</u> .	
	Installable	
	Uses HTTPS	^
	All sites should be protected with HTTPS, even ones that don't handle sensitive data. 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> .	
A	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, ad to homescreen, and push notifications. <u>Learn more</u> .	ld
A	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. <u>Learn</u> more.	
	PWA Optimized	
<u> </u>	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	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. <u>Learn more</u> .	
A	Does not set a theme color for the address bar. Failures: No manifest was fetched.	^
	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. Learn more.

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>.

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>.

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 http://127.0.0.1/DiamondRims/WebApp/

Fetch time Mar 5, 2020, 6:40 AM EST

Device Emulated Nexus 5X

Network throttling 150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)

CPU throttling 4x slowdown (Simulated)

User agent (host) Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like

Gecko) Chrome/80.0.3987.132 Safari/537.36

User agent (network) Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36

(KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-

Lighthouse

CPU/Memory Power

528

Generated by **Lighthouse** 5.7.0 | File an issue