



▲ 0-49 ■ 50-89 ● 90-100

There were issues affecting this run of Lighthouse:

- No ads were rendered when rendering this page.
- There may be stored data affecting loading performance in this location: IndexedDB. Audit this page in an incognito window to prevent those resources from affecting your scores.



Performance

Metrics



● First Contentful Paint	0.8 s	▲ Time to Interactive	9.9 s
■ Speed Index	1.9 s	■ Total Blocking Time	180 ms
▲ Largest Contentful Paint	4.3 s	● Cumulative Layout Shift	0.091

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator](#).

[View Original Trace](#)

[View Treemap](#)



Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

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

Opportunity	Estimated Savings
▲ Properly size images	9.43 s ▲

Serve images that are appropriately-sized to save cellular data and improve load time. [Learn more](#).

Show 3rd-party resources (16)

URL	Resource Size	Potential Savings
 ...images/iter-zoomed.png (d33wubrfki0l68.cloudfront.net)	2,276.8 KiB	2,271.2 KiB

URL		Resource Size	Potential Savings
	...images/successful-panda.gif (d33wubrfki0l68.cloudfront.net)	1,021.2 KiB	999.9 KiB
	...images/my-back.png (d33wubrfki0l68.cloudfront.net)	960.8 KiB	954.3 KiB
	...images/eventloop.gif (d33wubrfki0l68.cloudfront.net)	861.1 KiB	853.5 KiB
	/images/My%20Post.png (bgoonz-blog.netlify.app)	662.7 KiB	652.0 KiB
	...images/smiling-maple.png (d33wubrfki0l68.cloudfront.net)	352.1 KiB	343.9 KiB
	...images/goals.jpg (d33wubrfki0l68.cloudfront.net)	284.7 KiB	283.7 KiB
	...images/pleasant-birch.png (d33wubrfki0l68.cloudfront.net)	245.3 KiB	244.5 KiB
	...images/neural.png (d33wubrfki0l68.cloudfront.net)	227.6 KiB	223.9 KiB
	...images/resume.jpg (d33wubrfki0l68.cloudfront.net)	120.8 KiB	116.9 KiB
	...images/njdevils.jpg (d33wubrfki0l68.cloudfront.net)	103.8 KiB	103.1 KiB
	...images/panoramic-owl.png (d33wubrfki0l68.cloudfront.net)	101.7 KiB	101.2 KiB
	...images/jamstack.png (d33wubrfki0l68.cloudfront.net)	97.6 KiB	93.4 KiB
	...images/spectacular-turmeric.png (d33wubrfki0l68.cloudfront.net)	91.5 KiB	90.5 KiB
	...OldDevils.png/300px-OldDevils.png (upload.wikimedia.org)	13.5 KiB	13.2 KiB
	...images/curious-mustard.png (d33wubrfki0l68.cloudfront.net)	13.8 KiB	12.8 KiB
	/blm-blue-round.png (tinify-bucket.s3-us-west-1.amazonaws.com)	6.4 KiB	6.0 KiB

▲ Serve images in next-gen formats

5.12 s ▲

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. [Learn more.](#)

Show 3rd-party resources (14)

URL		Resource Size	Potential Savings
	...images/iter-zoomed.png (d33wubrfki0l68.cloudfront.net)	2,276.8 KiB	2,043.6 KiB
	/CEYEZp8.jpeg (i.imgur.com)	2,369.9 KiB	1,534.6 KiB
	...images/my-back.png (d33wubrfki0l68.cloudfront.net)	960.8 KiB	888.1 KiB
	/images/My%20Post.png (bgoonz-blog.netlify.app)	662.7 KiB	597.7 KiB

URL	Resource Size	Potential Savings
 ...images/smiling-maple.png (d33wubrfki0l68.cloudfront.net)	352.1 KiB	339.4 KiB
 ...images/pleasant-birch.png (d33wubrfki0l68.cloudfront.net)	245.3 KiB	198.9 KiB
 ...images/neural.png (d33wubrfki0l68.cloudfront.net)	227.6 KiB	191.1 KiB
 ...images/goals.jpg (d33wubrfki0l68.cloudfront.net)	284.7 KiB	108.0 KiB
 ...images/jamstack.png (d33wubrfki0l68.cloudfront.net)	97.6 KiB	84.6 KiB
 ...images/spectacular-turmeric.png (d33wubrfki0l68.cloudfront.net)	91.5 KiB	82.3 KiB
 ...images/panoramic-owl.png (d33wubrfki0l68.cloudfront.net)	101.7 KiB	58.4 KiB
 ...images/resume.jpg (d33wubrfki0l68.cloudfront.net)	120.8 KiB	48.5 KiB
 ...images/njdevils.jpg (d33wubrfki0l68.cloudfront.net)	103.8 KiB	30.2 KiB
 ...images/logo-circle.png (d33wubrfki0l68.cloudfront.net)	15.3 KiB	12.9 KiB
 ...OldDevils.png/300px-OldDevils.png (upload.wikimedia.org)	13.5 KiB	9.9 KiB

▲ Defer offscreen images

3.52 s ↗

URL	Resource Size	Potential Savings
 ...images/iter-zoomed.png (d33wubrfki0l68.cloudfront.net)	2,276.8 KiB	2,276.8 KiB
 ...images/eventloop.gif (d33wubrfki0l68.cloudfront.net)	861.1 KiB	861.1 KiB
 /images/My%20Post.png (bgoonz-blog.netlify.app)	662.7 KiB	662.7 KiB
 ...images/goals.jpg (d33wubrfki0l68.cloudfront.net)	284.7 KiB	284.7 KiB
 ...images/resume.jpg (d33wubrfki0l68.cloudfront.net)	120.8 KiB	120.8 KiB
 ...images/njdevils.jpg (d33wubrfki0l68.cloudfront.net)	103.8 KiB	103.8 KiB
 ...images/logo-circle.png (d33wubrfki0l68.cloudfront.net)	15.3 KiB	15.3 KiB
 ...OldDevils.png/300px-OldDevils.png (upload.wikimedia.org)	13.5 KiB	13.5 KiB
 ...app-assets/neural.PNG (bgoonz-blog.netlify.app)	3.1 KiB	3.1 KiB

URL	Resource Size	Potential Savings
 ...app-assets/lambda-demo1.gif (bgoonz-blog.netlify.app)	3.1 KiB	3.1 KiB

▲ Use video formats for animated content 1.6 s ▲

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. [Learn more](#) [LCP]

URL	Resource Size	Potential Savings
...images/successful-panda.gif (d33wubrfki0l68.cloudfront.net)	1,021.2 KiB	755.7 KiB
...images/eventloop.gif (d33wubrfki0l68.cloudfront.net)	861.1 KiB	620.0 KiB
/images/api-c99e353....gif (bgoonz-blog.netlify.app)	577.5 KiB	386.9 KiB
/README_files/Sorting_quicksort_anim.gif (determined-dijkstra-ee7390.netlify.app)	181.7 KiB	96.3 KiB
/README_files/Insertion-sort-example-300px.gif (determined-dijkstra-ee7390.netlify.app)	164.9 KiB	84.1 KiB

▲ Efficiently encode images 0.96 s ▲

Optimized images load faster and consume less cellular data. [Learn more](#).

URL	Resource Size	Potential Savings
 /CEYEZp8.jpeg (i.imgur.com)	2,369.9 KiB	1,117.0 KiB

■ Reduce unused JavaScript 0.64 s ▲

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

[Learn more](#) [LCP]



If you are not server-side rendering, [split your JavaScript bundles](#) with `React.lazy()`. Otherwise, code-split using a third-party library such as [loadable-components](#).

URL	Transfer Size	Potential Savings
...300/addthis_widget.js (s7.addthis.com)	114.1 KiB	92.9 KiB
...js/3.7fee9b67.chunk.js (widget-v2.smartsuppcdn.com)	185.3 KiB	87.5 KiB
...node_modules/lodash/lodash.js	19.8 KiB	13.8 KiB
...node_modules/react-dom/cjs/react-dom.production.min.js	32.7 KiB	11.4 KiB
...node_modules/buffer/index.js	5.4 KiB	4.8 KiB
...node_modules/whatwg-fetch/fetch.js	2.5 KiB	2.2 KiB
...node_modules/react-ga/dist/esm/core.js	2.2 KiB	2.1 KiB
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	178.1 KiB	80.3 KiB
...m202.../show_ads_impl_fy2019.js (pagead2.googlesyndication.com)	94.4 KiB	58.7 KiB
/gtag/js?id=G-F56YP2Y17L&l=dataLayer&cx=c (www.googletagmanager.com)	59.6 KiB	47.5 KiB
/gtag/js?id=G-4W5MG3DG4T&l=dataLayer&cx=c (www.googletagmanager.com)	48.6 KiB	38.0 KiB
/static/layers.fa6cd19....js (s7.addthis.com)	76.2 KiB	37.0 KiB

URL	Transfer Size	Potential Savings
...js/twk-chunk-vendors.js (embed.tawk.to)	56.8 KiB	29.6 KiB
...js/adscopygoogle.js (pagead2.googlesyndication.com)	48.9 KiB	28.6 KiB
/gtag/js?id=G-F56YP2Y17L (www.googletagmanager.com)	59.6 KiB	27.5 KiB
/gtm.js?id=GTM-5S5XXNR (www.googletagmanager.com)	39.3 KiB	25.7 KiB
/gtag/js?id=G-4W5MG3DG4T (www.googletagmanager.com)	48.7 KiB	23.1 KiB
...3.5.1/jquery.min.js (ajax.googleapis.com)	30.4 KiB	22.4 KiB
/gtag/js?id=G-M9B63M34E1 (www.googletagmanager.com)	48.7 KiB	20.2 KiB

■ Preconnect to required origins

■ 0.21 s ^

Warnings: A <link rel=preconnect> was found for "https://fonts.gstatic.com" but was not used by the browser. Only use 'preconnect' for important origins that the page will certainly request.

Consider adding 'preconnect' or 'dns-prefetch' resource hints to establish early connections to important third-party origins.

[Learn more](#) [FCP](#) [LCP](#)

URL	Potential Savings
https://z.moatads.com	210 ms
https://www.google-analytics.com	130 ms
https://www.googletagmanager.com	80 ms
https://pagead2.googlesyndication.com	80 ms
https://googleads.g.doubleclick.net	80 ms

Diagnostics — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

▲ Avoid enormous network payloads — Total size was 23,748 KiB

Large network payloads cost users real money and are highly correlated with long load times. [Learn more](#) [LCP](#)

Show 3rd-party resources (5)

URL	Transfer Size
/CEYEZp8.jpeg (i.imgur.com)	2,371.4 KiB
...images/iter-zoomed.png (d33wubrfki0l68.cloudfront.net)	2,279.7 KiB
...images/successful-panda.gif (d33wubrfki0l68.cloudfront.net)	1,022.7 KiB
...images/my-back.png (d33wubrfki0l68.cloudfront.net)	962.3 KiB
...images/eventloop.gif (d33wubrfki0l68.cloudfront.net)	862.5 KiB
...nodejs/page-data.json (bgoonz-blog.netlify.app)	720.8 KiB
...audio/page-data.json (bgoonz-blog.netlify.app)	720.7 KiB
...projects/page-data.json (bgoonz-blog.netlify.app)	720.7 KiB
...contact/page-data.json (bgoonz-blog.netlify.app)	720.7 KiB
...blog/page-data.json (bgoonz-blog.netlify.app)	720.7 KiB

▲ Does not use 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](#).

Show 3rd-party resources (1)

Source

editable_embed-777d6...42f70f2faa0e31.js:2

▲ Avoid `document.write()`

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

Show 3rd-party resources (1)

Source

loaderjs:1

▲ Image elements do not have explicit `width` and `height`

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. [Learn more](#) [CLS]

Show 3rd-party resources (22)

URL	Failing Elements
 ... images/goals.jpg (d33wubrfki0l68.cloudfront.net)	img
 ...images/iter-zoomed.png (d33wubrfki0l68.cloudfront.net)	img
 ...images/panoramic-owl.png (d33wubrfki0l68.cloudfront.net)	img
 ...images/pleasant-birch.png (d33wubrfki0l68.cloudfront.net)	img
 ...images/my-back.png (d33wubrfki0l68.cloudfront.net)	img
 /images/My%20Post.png (bgooonz-blog.netlify.app)	img
 ... images/njdevils.jpg (d33wubrfki0l68.cloudfront.net)	img
 ... images/resume.jpg (d33wubrfki0l68.cloudfront.net)	img
 /graph?username=... (activity-graph.herokuapp.com)	img
 ... images/eventloop.gif (d33wubrfki0l68.cloudfront.net)	img
 ... images/spectacular-turmeric.png (d33wubrfki0l68.cloudfront.net)	img
 ... images/neural.png (d33wubrfki0l68.cloudfront.net)	img
 ... images/smiling-maple.png (d33wubrfki0l68.cloudfront.net)	img
 ... images/successful-panda.gif (d33wubrfki0l68.cloudfront.net)	img

URL

Failing Elements

	...images/jamstack.png (d33wubrfki0l68.cloudfront.net)	img
	...images/curious-mustard.png (d33wubrfki0l68.cloudfront.net)	img
	...OldDevils.png/300px-OldDevils.png (upload.wikimedia.org)	img
	/blm-blue-round.png (tinify-buckets.s3-us-west-1.amazonaws.com)	Black Lives Matter Badge
	...000000/gmail.png (img.icons8.com)	img
	...000000/youtube.png (img.icons8.com)	img
	...000000/instagram-new.png (img.icons8.com)	img
	...000000/medium-logo.png (img.icons8.com)	img
	...a1b7ee1a-11a7-4bd2-a341-2260656e216f/deploy-status (api.netlify.com)	img

⚠ Serve static assets with an efficient cache policy — 33 resources found

^

A long cache lifetime can speed up repeat visits to your page. [Learn more.](#) Show 3rd party resources (33)

URL	Cache TTL	Transfer Size
...OldDevils.png/300px-OldDevils.png (upload.wikimedia.org)	None	14 KiB
/blmbadge.js (makerbadge.s3.amazonaws.com)	None	9 KiB
/blm-blue-round.png (tinify-bucket.s3-us-west-1.amazonaws.com)	None	7 KiB
...ra-60dcec1ece575946/_ate.track.config_resp (v1.addthisedge.com)	53 s	2 KiB
/loader.js (www.smartsuppchat.com)	5 m	7 KiB
...300/addthis_widget.js (s7.addthis.com)	10 m	114 KiB
/recorder.js (rec.smartlook.com)	10 m	9 KiB
/graph?username=... (activity-graph.herokuapp.com)	30 m	17 KiB
/analytics.js (www.google-analytics.com)	2 h	20 KiB
/613041e.../1feidq23q (embed.tawk.to)	2 h	1 KiB
/addthismoatframe568.../moatframe.js (z.moatads.com)	8 h 36 m 3 s	1 KiB
...000000/instagram-new.png (img.icons8.com)	3 d 12 h	7 KiB
...000000/youtube.png (img.icons8.com)	3 d 12 h	3 KiB
...000000/gmail.png (img.icons8.com)	3 d 12 h	3 KiB
...000000/medium-logo.png (img.icons8.com)	3 d 12 h	2 KiB
...dist/algoliasearchNetlify.css (cdn.jsdelivr.net)	7 d	9 KiB

URL	Cache TTL	Transfer Size
...js/twk-chunk-vendors.js (embed.tawk.to)	30 d	57 KiB
...js/twk-chunk-common.js (embed.tawk.to)	30 d	34 KiB
...js/twk-vendor.js (embed.tawk.to)	30 d	27 KiB
...js/twk-chunk-35f53b3a.js (embed.tawk.to)	30 d	14 KiB
...css/max-widget.css (embed.tawk.to)	30 d	14 KiB
...css/message-preview.css (embed.tawk.to)	30 d	8 KiB
...css/min-widget.css (embed.tawk.to)	30 d	5 KiB
...js/twk-chunk-48f46bef.js (embed.tawk.to)	30 d	5 KiB
...js/twk-chunk-2d224aff.js (embed.tawk.to)	30 d	4 KiB
...languages/en.js (embed.tawk.to)	30 d	4 KiB
...js/twk-chunk-f163fc0.js (embed.tawk.to)	30 d	4 KiB
...js/twk-chunk-2d0d2b7cjs (embed.tawk.to)	30 d	2 KiB
...js/twk-runtime.js (embed.tawk.to)	30 d	1 KiB
...js/twk-chunk-4fe9d5dd.js (embed.tawk.to)	30 d	1 KiB
...js/twk-chunk-2d0b9454.js (embed.tawk.to)	30 d	1 KiB
...js/twk-main.js (embed.tawk.to)	30 d	0 KiB
...js/twk-app.js (embed.tawk.to)	30 d	0 KiB

Minimize main-thread work — 3.6 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. [Learn more](#) [TBT]

Category	Time Spent
Script Evaluation	1,437 ms
Other	1,388 ms
Garbage Collection	197 ms
Rendering	190 ms
Script Parsing & Compilation	173 ms
Style & Layout	147 ms
Parse HTML & CSS	53 ms

Avoid chaining critical requests — 17 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: **1,460 ms**

Initial Navigation



/bundles/492853c...js (d33wubrfki0l68.cloudfront.net)	- 20 ms, 11.46 KiB
/blmbadge.js (makerbadge.s3.amazonaws.com)	- 370 ms, 8.69 KiB
...8.8.1/firebase-analytics.js (bgoonz-blog.netlify.app)	- 30 ms, 0.07 KiB
...firebase/init.js (bgoonz-blog.netlify.app)	- 30 ms, 0.07 KiB
...media/ZillaSlab-Bold.subset.0beac26b.woff2 (bgoonz-blog.netlify.app)	- 650 ms, 1.35 KiB
...media/ZillaSlab-Regular.subset.ce3a756d.woff2 (bgoonz-blog.netlify.app)	- 550 ms, 1.35 KiB
...9.0.2.firebaseio-app.js (www.gstatic.com)	- 100 ms, 13.28 KiB
...9.0.2.firebaseio-analytics.js (www.gstatic.com)	- 120 ms, 22.96 KiB
...media/ZillaSlab-Regular.subset.7e4c05c9.woff (bgoonz-blog.netlify.app)	- 140 ms, 0.11 KiB
...media/ZillaSlab-Bold.subset.72026b3c.woff (bgoonz-blog.netlify.app)	- 120 ms, 0.11 KiB
...8.8.1.firebaseio-app.js (bgoonz-blog.netlify.app)	- 270 ms, 1.35 KiB
...8.8.1.firebaseio-analytics.js (bgoonz-blog.netlify.app)	- 240 ms, 1.35 KiB
...firebase/init.js (bgoonz-blog.netlify.app)	- 160 ms, 0.13 KiB
...300/addthis_widget.js (s7.addthis.com)	- 60 ms, 114.07 KiB

>User Timing marks and measures — 2 user timings



Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. [Learn more](#).



Use the React DevTools Profiler, which makes use of the Profiler API, to measure the rendering performance of your components. [Learn more](#).

Name	Type	Start Time	Duration
addthis.render_toolbox	Mark	1,393.3 ms	
addthis.render_layers_thankyou	Mark	1,633.16 ms	

Keep request counts low and transfer sizes small — 193 requests • 23,746 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	193	23,745.7 KiB
Image	44	11,241.5 KiB
Other	55	10,262.2 KiB
Script	65	2,027.3 KiB
Document	12	158.1 KiB
Stylesheet	13	53.8 KiB
Font	4	2.9 KiB
Media	0	0.0 KiB
Third-party	114	11,202.2 KiB

Largest Contentful Paint element — 1 element found



This is the largest contentful element painted within the viewport. [Learn More](#) [LCP]

Element

`div.bg-img`

Avoid large layout shifts — 5 elements found



These DOM elements contribute most to the CLS of the page. [CLS](#)

Element	CLS Contribution
section#features.block.block-grid.outer	0.047
h3.grid-item-title.line-left	0.012
#BlackLivesMatter To be silent is to be complicit. Black lives matter. Send a... <code><div class="maker-badge transition" style="bottom: calc(-102px); visibility: visible;"></code>	0.008
div.grid-item	0.006
div.grid-item	0.006

● Avoid long main-thread tasks — 16 long tasks found ^

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

Show 3rd-party resources (15)

URL	Start Time	Duration
...js/main.4391dfa1.chunk.js (widget-v2.smartsupcdn.com)	5,400 ms	98 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,855 ms	98 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	15,011 ms	87 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,775 ms	80 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,629 ms	76 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	15,173 ms	76 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,238 ms	75 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	15,098 ms	75 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,505 ms	74 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,705 ms	70 ms
chrome-extension://ojaffphbfmadaicdkahnmihipclmepok/content/executorIndex.js	490 ms	64 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,338 ms	62 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,177 ms	61 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,400 ms	60 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,953 ms	58 ms
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	14,579 ms	50 ms

● Avoid non-composited animations — 2 animated elements found ^

Animations which are not composited can be janky and increase CLS. [Learn more](#) [CLS](#)

Element Name

#BlackLivesMatter To be silent is to be complicit. Black lives matter. Send a... <code><div class="maker-badge transition" style="bottom: calc(-102px); visibility: visible;"></code>	
Unsupported CSS Property: bottom	bottom
div#chat-application	
Unsupported CSS Property: width	width
Unsupported CSS Property: max-width	max-width

Passed audits (17)

● Eliminate render-blocking resources — Potential savings of 70 ms

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 \(2\)](#)

URL	Transfer Size	Potential Savings
/css2?family=Lato:ital,wght@0,400;0,700;1,400;1,700&display=swap (fonts.googleapis.com)	0.6 KiB	210 ms
...dist/algoliasearchNetlify.css (cdn.jsdelivr.net)	8.7 KiB	210 ms

● Minify CSS

Minifying CSS files can reduce network payload sizes. [Learn more.](#) [FCP](#) [LCP](#)



If your build system minifies CSS files automatically, ensure that you are deploying the production build of your application. You can check this with the React Developer Tools extension. [Learn more.](#)

● Minify JavaScript — Potential savings of 26 KiB

Minifying JavaScript files can reduce payload sizes and script parse time. [Learn more.](#) [FCP](#) [LCP](#)



If your build system minifies JS files automatically, ensure that you are deploying the production build of your application. You can check this with the React Developer Tools extension. [Learn more.](#)

[Show 3rd party resources \(3\)](#)

URL	Transfer Size	Potential Savings
...9.0.2.firebaseio-analytic.js (www.gstatic.com)	23.0 KiB	12.7 KiB
...9.0.2.firebaseio-app.js (www.gstatic.com)	13.3 KiB	7.2 KiB
/bundles/492853c....js (d33wubrfki0l68.cloudfront.net)	11.5 KiB	5.9 KiB

● Reduce unused CSS — Potential savings of 14 KiB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. [Learn more.](#) [FCP](#) [LCP](#)

[Show 3rd party resources \(1\)](#)

URL	Transfer Size	Potential Savings
...css/max-widget.css (embed.tawk.to)	13.8 KiB	13.8 KiB

● Enable text compression — Potential savings of 6 KiB

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

[Show 3rd party resources \(1\)](#)

URL	Transfer Size	Potential Savings
/blmbadge.js (makerbadge.s3.amazonaws.com)	8.3 KiB	6.0 KiB

● Initial server response time was short — Root document took 20 ms

Keep the server response time for the main document short because all other requests depend on it. [Learn more.](#) [FCP](#) [LCP](#)

If you are server-side rendering any React components, consider using `renderToString()` or



`renderToStaticNodeStream()` to allow the client to receive and hydrate different parts of the markup instead of all at once. [Learn more](#).

Show 3rd-party resources (0)

URL

<https://bgoonz-blog.netlify.app>

Time Spent

20 ms

● Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. [Learn more](#). [FCP](#) [LCP](#)



If you are using React Router, minimize usage of the `<Redirect>` component for [route navigations](#).

● Preload key requests

Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load. [Learn more](#).

[FCP](#) [LCP](#)

● Use HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. [Learn more](#).

● Remove duplicate modules in JavaScript bundles — [Potential savings of 2 KiB](#)

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. [TBT](#)

Show 3rd-party resources (0)

Source

Transfer Size

Potential Savings

Other

2.15 KiB

...9.0.2.firebaseio-app.js (www.gstatic.com)
...9.0.2.firebaseio-analytics.js (www.gstatic.com)
...js/3.7fee9b67.chunk.js (widget-v2.smartsupcdn.com)

● Avoid serving legacy JavaScript to modern browsers — [Potential savings of 47 KiB](#)

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

Show 3rd-party resources (9)

URL

Potential Savings

</app-b22e5fd....js> (bgoonz-blog.netlify.app)

6.5 KiB

app-b22e5fd....js:2
app-b22e5fd....js:2

Array.prototype.reduce
@babel/plugin-transform-classes

</commons-f3b7f97....js> (bgoonz-blog.netlify.app)

0.0 KiB

commons-f3b7f97....js:2

@babel/plugin-transform-classes

● Preload Largest Contentful Paint image

Preload the image used by the LCP element in order to improve your LCP time. [Learn more](#). [LCP](#)

● Avoids an excessive DOM size — [638 elements](#)

A large DOM will increase memory usage, cause longer [style calculations](#), and produce costly [layout reflows](#). [Learn more](#) [TBT](#)



Consider using a "windowing" library like `react-window` to minimize the number of DOM nodes created if you are rendering many repeated elements on the page. [Learn more](#). Also, minimize unnecessary re-renders using [`shouldComponentUpdate`](#), [`PureComponent`](#), or [`React.memo`](#) and [skip effects](#) only until certain dependencies have changed if you are using the `Effect` hook to improve runtime performance.

Statistic	Element	Value
Total DOM Elements		638
Maximum DOM Depth	a	17
Maximum Child Elements	body.palette-navy	35

● JavaScript execution time — 1.0 s ^

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. [Learn more](#). TBT

Show 3rd-party resources (6)			
URL	Total CPU Time	Script Evaluation	Script Parse
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	1,153 ms	520 ms	8 ms
Unattributable	888 ms	30 ms	0 ms
https://bgoonz-blog.netlify.app	379 ms	36 ms	7 ms
...300/addthis_widget.js (s7.addthis.com)	112 ms	69 ms	31 ms
..js/main.4391dfa1.chunk.js (widget-v2.smartsupcdn.com)	105 ms	102 ms	1 ms
...3.5.1/jquery.min.js (ajax.googleapis.com)	69 ms	51 ms	14 ms
/gtag/js?id=G-M9B63M34E1 (www.googletagmanager.com)	65 ms	60 ms	2 ms
chrome-extension://ojaffphbfmndaicdkahnmihipclmepok/content/executorIndex.js	65 ms	40 ms	22 ms
...m202.../show_ads_impl_fy2019.js (pagead2.googlesyndication.com)	55 ms	45 ms	5 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 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. [Learn more](#). TBT

Show 3rd-party resources (0)			
Third-Party	Transfer Size	Main-Thread Blocking Time	
Smartsupp	222 KiB	45 ms	
..js/main.4391dfa1.chunk.js (widget-v2.smartsupcdn.com)	25 KiB	45 ms	
..js/3.7fee9b67.chunk.js (widget-v2.smartsupcdn.com)	185 KiB	0 ms	
Other resources	12 KiB	0 ms	
Imgur	2,371 KiB	0 ms	
/CEYEZp8.jpeg (i.imgur.com)	2,371 KiB	0 ms	
Google Tag Manager	305 KiB	0 ms	
/gtag/js?id=G-F56YP2Y17L (www.googletagmanager.com)	60 KiB	0 ms	
/gtag/js?id=G-F56YP2Y17L&l=dataLayer&cx=c (www.googletagmanager.com)	60 KiB	0 ms	
/gtag/js?id=G-4W5MG3DG4T (www.googletagmanager.com)	49 KiB	0 ms	
/gtag/js?id=G-M9B63M34E1 (www.googletagmanager.com)	49 KiB	0 ms	
/gtag/js?id=G-4W5MG3DG4T&l=dataLayer&cx=c (www.googletagmanager.com)	49 KiB	0 ms	
Other resources	39 KiB	0 ms	
AddThis	247 KiB	0 ms	
...300/addthis_widget.js (s7.addthis.com)	114 KiB	0 ms	
/static/layers.fa6cd19....js (s7.addthis.com)	76 KiB	0 ms	

Third-Party	Transfer Size	Main-Thread Blocking Time
/static/custom-messages.5799ddf....js (s7.addthis.com)	28 KiB	0 ms
/static/sh.f48a1a0....html (s7.addthis.com)	26 KiB	0 ms
<u>Google/Doubleclick Ads</u>	208 KiB	0 ms
...m202.../show_ads_impl_fy2019.js (pagead2.googlesyndication.com)	94 KiB	0 ms
...js/adsbygoogle.js (pagead2.googlesyndication.com)	49 KiB	0 ms
...current/osd.js (www.googletagservices.com)	27 KiB	0 ms
/bg/NNk1vzza2....js (pagead2.googlesyndication.com)	13 KiB	0 ms
Other resources	25 KiB	0 ms
<u>Tawk.to</u>	187 KiB	0 ms
...js/twk-chunk-vendors.js (embed.tawk.to)	57 KiB	0 ms
...js/twk-chunk-common.js (embed.tawk.to)	34 KiB	0 ms
...js/twk-vendor.js (embed.tawk.to)	27 KiB	0 ms
...js/twk-chunk-35f53b3a.js (embed.tawk.to)	14 KiB	0 ms
...css/max-widget.css (embed.tawk.to)	14 KiB	0 ms
Other resources	41 KiB	0 ms
<u>Google CDN</u>	67 KiB	0 ms
...3.5.1/jquery.min.js (ajax.googleapis.com)	30 KiB	0 ms
...9.0.2.firebaseio-analytics.js (www.gstatic.com)	23 KiB	0 ms
...9.0.2.firebaseio-app.js (www.gstatic.com)	13 KiB	0 ms
<u>JSDelivr CDN</u>	48 KiB	0 ms
...js/emojione.min.js (cdn.jsdelivr.net)	39 KiB	0 ms
...dist/algoliasearchNetlify.css (cdn.jsdelivr.net)	9 KiB	0 ms
<u>Google Analytics</u>	20 KiB	0 ms
/analytics.js (www.google-analytics.com)	20 KiB	0 ms
<u>Heroku</u>	17 KiB	0 ms
/graph?username=... (activity-graph.herokuapp.com)	17 KiB	0 ms
<u>Amazon Web Services</u>	15 KiB	0 ms
/blmbadge.js (makerbadge.s3.amazonaws.com)	9 KiB	0 ms
/blm-blue-round.png (tinify-bucket.s3-us-west-1.amazonaws.com)	7 KiB	0 ms
<u>Smartlook</u>	9 KiB	0 ms
/recorder.js (rec.smartlook.com)	9 KiB	0 ms
<u>Netlify</u>	3 KiB	0 ms
<u>Google Fonts</u>	2 KiB	0 ms
<u>Other Google APIs/SDKs</u>	1 KiB	0 ms
<u>Moat</u>	1 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. [Learn more](#). 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.

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

`p.block-subtitle`

`p.block-subtitle`



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

- ▲ Heading elements are not in a sequentially-descending order

Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. [Learn more.](#)

Failing Elements

`h6#a-passionate-student-of-web-development-from-new-jersey-usa`

`h3#hockey-in-general`



Internationalization and localization — These are opportunities to improve the interpretation of your content by users in different locales.

- ▲ `<html>` element does not have 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.](#)

Failing Elements

`html`



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

- ▲ Image elements do not have `[alt]` attributes

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

Failing Elements

`img`

`img`

`img`

`img`



- ▲ Form elements do not have associated labels

Labels ensure that form controls are announced properly by assistive technologies, like screen readers. [Learn more.](#)

Failing Elements

Failing Elements

input

▲ Links do not have a discernible name

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. [Learn more](#).

Failing Elements

a

a

a

a

a

a

a

a

Additional items to manually check (10) — 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. [Learn more](#).

● Interactive elements indicate their purpose and state

Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. [Learn more](#).

● 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 more](#).

● User focus is not accidentally trapped in a region

A user can tab into and out of any control or region without accidentally trapping their focus. [Learn more](#).

● Custom controls have associated labels

Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. [Learn more](#).

● Custom controls have ARIA roles

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 (15)

● [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 descendants

Focusable descendants 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](#).

● 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](#).

● ARIA IDs are unique

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. [Learn more](#).

● <frame> or <iframe> elements have a title

Screen reader users rely on frame titles to describe the contents of frames. [Learn more](#).

● Lists contain only elements and script supporting elements (<script> and <template>).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. [Learn more](#).

● List items () are contained within or parent elements

Screen readers require list items (``) to be contained within a parent `` or `` to be announced properly. [Learn more](#).

● [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. [Learn more](#).

● No element has a [tabindex] value greater than 0

A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. [Learn more](#).

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

Screen readers have features to make navigating tables easier. Ensuring `<td>` cells using the `[headers]` attribute only refer to other cells in the same table 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](#).

● 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](#).

● [<dl>](#)'s contain only properly-ordered [<dt>](#) and [<dd>](#) groups, [<script>](#), [<template>](#) or [<div>](#) elements.

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

● Definition list items are wrapped in `<dl>` elements ^

Definition list items (``<dt>`` and ``<dd>``) must be wrapped in a parent ``<dl>`` element to ensure that screen readers can properly announce them. [Learn more](#).

● No form fields have multiple labels ^

Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. [Learn more](#).

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

Specifying a valid [BCP 47 language](#) helps screen readers announce text properly. [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](#).

● 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](#).

● `<th>` elements and elements with `[role="columnheader"/"rowheader"]` have data cells they describe. ^

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. [Learn more](#).

● `[lang]` attributes have a valid value ^

Specifying a valid [BCP 47 language](#) on elements helps ensure that text is pronounced correctly by a screen reader. [Learn more](#).

● `<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

▲ Links to cross-origin destinations are unsafe ^

Add `'rel="noopener"` or `'rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. [Learn more](#).

Failing Anchors

a

a

a

Failing Anchors

a.at-branding-logo

Send a donation →

```
<a style="color:#2B6CB0;text-decoration:underline;font-weight: 600;" target="_blank"  
href="https://minnesotafreedomfund.org/">
```

Add this to your website

```
<a target="_blank" href="http://blmbadge.unicornplatform.com" style="display: block; margin: 0.5rem  
0px; font-size: 10px; color: rgb(113, 128, ...">
```

● 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

Browser Compatibility

▲ Properly defines charset — Error!

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](#).

General

▲ Registers an `unload` listener

The `unload` event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Consider using the `pagehide` or `visibilitychange` events instead. [Learn more](#)

Show 3rd-party resources (2)

Source

osd.js:11

addthis_widget.js:70

▲ Browser errors were 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](#)

Show 3rd-party resources (2)

Source

Description

/__/firebase/init.js:1 Failed to load resource: the server responded with a status of 404 ()

/__/firebase/8.8.1/f...
base-analytics.js:1 Failed to load resource: the server responded with a status of 404 ()

/__/firebase/8.8.1/firebas...
e-app.js:1 Failed to load resource: the server responded with a status of 404 ()

/__/firebase/8.8.1/f...
base-analytics.js:1 Failed to load resource: the server responded with a status of 404 ()

/__/firebase/init.js:1 Failed to load resource: the server responded with a status of 404 ()

neural.PNG:1 Failed to load resource: the server responded with a status of 404 ()

lambda-demo1.gif:1 Failed to load resource: the server responded with a status of 404 ()

Source	Description
/static/media/ZillaS...et.ce3a756d.woff2:1	Failed to load resource: the server responded with a status of 404 ()
/static/media/ZillaS...et.0beac26b.woff2:1	Failed to load resource: the server responded with a status of 404 ()
/favicon.ico:1	Failed to load resource: the server responded with a status of 404 ()
/static/media/ZillaS...set.7e4c05c9.woff:1	Failed to load resource: the server responded with a status of 404 ()
/static/media/ZillaS...set.72026b3c.woff:1	Failed to load resource: the server responded with a status of 404 ()
/page-data/content/algo/page-data.json:1	Failed to load resource: the server responded with a status of 404 ()
/page-data/contact/page-data.json:1	Failed to load resource: the server responded with a status of 404 ()
/page-data/blogWcommt...ts/page-data.json:1	Failed to load resource: the server responded with a status of 404 ()
/page-data/docs/pyth...ex/page-data.json:1	Failed to load resource: the server responded with a status of 404 ()
-more%20lists-0a0a0a.svg:1	Failed to load resource: the server responded with a status of 404 ()
/favicon.ico:1	Failed to load resource: the server responded with a status of 404 ()
adsbygoogle.js:68	N
bgoonz-blog.netlify.app/:36	ReferenceError: \$ is not defined at https://bgoonz-blog.netlify.app/:36:5
bgoonz-blog.netlify.app/:45	ReferenceError: \$ is not defined at https://bgoonz-blog.netlify.app/:45:5
bgoonz-blog.netlify.app/:619	SyntaxError: Unexpected identifier
bgoonz-blog.netlify.app/:521	TypeError: Cannot set properties of null (setting 'onclick') at https://bgoonz-blog.netlify.app/:521:31
492853c.....56ebfb989e.js:1310	TypeError: window.createElement is not a function at https://d33wubrfki0l68.cloudfront.net/bundles/492853c4910f5ea5e92cdb4a8714356ebfb989e.js:1310:19
bgoonz-blog.netlify.app/:1	Unchecked runtime.lastError: The message port closed before a response was received.

▲ Missing source maps for large first-party JavaScript

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. [Learn more](#).

Show 3rd-party resources (8)

URL	Map URL
/bundles/21942f7....js (d33wubrfki0l68.cloudfront.net)	
Large JavaScript file is missing a source map	
...9.0.2.firebaseio-app.js (www.gstatic.com)	...9.0.2.firebaseio-app.js.map (www.gstatic.com)
...9.0.2.firebaseio-analytics.js (www.gstatic.com)	...9.0.2.firebaseio-analytics.js.map (www.gstatic.com)
...js/runtime-main.0ae97624.js (widget-v2.smartsupcdn.com)	...js/runtime-main.0ae97624.js.map (widget-v2.smartsupcdn.com)
...js/main.4391dfa1.chunk.js (widget-v2.smartsupcdn.com)	...js/main.4391dfa1.chunk.js.map (widget-v2.smartsupcdn.com)
...js/3.7fee9b67.chunk.js (widget-v2.smartsupcdn.com)	...js/3.7fee9b67.chunk.js.map (widget-v2.smartsupcdn.com)

URL	Map URL
...js/twk-vendor.js (embed.tawk.to)	...js/twk-vendor.js.map (embed.tawk.to)
...js/twk-chunk-vendors.js (embed.tawk.to)	...js/twk-chunk-vendors.js.map (embed.tawk.to)

▲ Issues were logged 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.

[Show 3rd party resources \(0\)](#)

Issue type

SameSite cookie

/adsid/integrator.js?domain=bgoonz-blog.netlify.app (adservice.google.com)
...api2/aframe (www.google.com)
/g/collect?v=... (analytics.google.com)

Passed audits (11) ^

● [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](#).

● [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](#).

● [Avoids front-end JavaScript libraries with known security vulnerabilities](#) ^

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. [Learn more](#).

● [Allows users to paste into password fields](#) ^

Preventing password pasting undermines good security policy. [Learn more](#).

● [Displays images with correct aspect ratio](#) ^

Image display dimensions should match natural aspect ratio. [Learn more](#).

● [Serves images with appropriate resolution](#) ^

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. [Learn more](#).

● [Page has the HTML doctype](#) ^

Specifying a doctype prevents the browser from switching to quirks-mode. [Learn more](#).

● [Avoids Application Cache](#) ^

Application Cache is deprecated. [Learn more](#).

● [Detected JavaScript libraries](#) ^

All front-end JavaScript libraries detected on the page. [Learn more](#).

Name	Version
jQuery	3.5.1
React	
Lo-Dash	4.17.21
Vue	
Gatsby	
core-js	core-js-global@3.18.0; core-js-pure@2.6.12; core-js-global@3.15.1

● **Avoids deprecated APIs** ^

Deprecated APIs will eventually be removed from the browser. [Learn more](#).

Not applicable (1) ^

● Fonts with `font-display: optional` are preloaded ^

Preload `optional` fonts so first-time visitors may use them. [Learn more](#)



SEO

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](#).

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app's content.

▲ **Links do not have descriptive text — 17 links found** ^

Descriptive link text helps search engines understand your content. [Learn more](#).

Show 3rd-party resources (1)

Link destination	Link Text
/docs/tools (bgoonz-blog.netlify.app)	Learn More
/b/s!AkGiZ9n9C... (1drv.ms)	Learn More
/showcase (bgoonz-blog.netlify.app)	Learn More
/docs/about/ (bgoonz-blog.netlify.app)	Learn More
/docs/articles/ (bgoonz-blog.netlify.app)	Learn More
/docs/audio/ (bgoonz-blog.netlify.app)	Learn More
/docs/community/ (bgoonz-blog.netlify.app)	Learn More
/docs/content/ (bgoonz-blog.netlify.app)	Learn More
/docs/docs/ (bgoonz-blog.netlify.app)	Learn More
/docs/faq/ (bgoonz-blog.netlify.app)	Learn More

Link destination	Link Text
/docs/javascript/ (bgoonz-blog.netlify.app)	Learn More
/docs/interact/ (bgoonz-blog.netlify.app)	Learn More
/docs/medium/ (bgoonz-blog.netlify.app)	Learn More
/docs/quick-reference/ (bgoonz-blog.netlify.app)	Learn More
/docs/react/ (bgoonz-blog.netlify.app)	Learn More
/docs/tools/ (bgoonz-blog.netlify.app)	Learn More
/docs/python/ (bgoonz-blog.netlify.app)	Learn More

▲ **Image elements do not have [alt] attributes** ^

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

Failing Elements

img

img

img

img

Crawling and Indexing — To appear in search results, crawlers need access to your app.

▲ **Links are not crawlable** ^

Search engines may use `href` attributes on links to crawl websites. Ensure that the `href` attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. [Learn More](#)

Uncrawlable Link

Back to top

``

a#at4-palogo

Passed audits but with warnings (1) ^

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

Warnings: Invalid properties found: {"initialScale": "1.0"}

Add a `<meta name="viewport">` tag to optimize your app for mobile screens. [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 [Structured Data Testing Tool](#) and the [Structured Data Linter](#) to validate structured data. [Learn more.](#)

Passed audits (6) ^

- Document has a `<title>` element

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. [Learn more](#).

- Document has a meta description

Meta descriptions may be included in search results to concisely summarize page content. [Learn more](#).

- Page has successful HTTP status code

Pages with unsuccessful HTTP status codes may not be indexed properly. [Learn more](#).

- Page isn't blocked from indexing

Search engines are unable to include your pages in search results if they don't have permission to crawl them. [Learn more](#).

- Document has a valid hreflang

hreflang links tell search engines what version of a page they should list in search results for a given language or region. [Learn more](#).

- Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. [Learn more](#).

Not applicable (4)

- 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](#).

- Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. [Learn more](#).

- Document uses legible font sizes

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. [Learn more](#).

- Tap targets are sized appropriately

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. [Learn more](#).



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 — 1 reason

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. [Learn more](#).

Failure reason

Failure reason

No manifest was fetched

PWA Optimized

- ▲ Does not register a service worker that controls page and [start_url](#)

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. [Learn more](#).

- Redirects HTTP traffic to HTTPS

If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. [Learn more](#).

- ▲ Is not configured for a custom splash screen **Failures: No manifest was fetched.**

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. [Learn more](#).

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

The browser address bar can be themed to match your site. [Learn more](#).

- 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`

Warnings: Invalid properties found: {"initialScale":"1.0"}

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. [Learn More](#).

- ▲ Manifest doesn't have a maskable icon **No manifest was fetched**

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

Additional items to manually check (3) — These checks are required by the baseline [PWA Checklist](#) 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. [Learn more](#).

- 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. [Learn more](#).



A Lighthouse plugin to improve ad speed and overall quality that is targeted at sites using GPT or AdSense tag. [Learn more](#)

Ad Speed

▲ Avoid render-blocking resources — Up to 0.3 s tag load time improvement ^

Render-blocking resources slow down tag load times. Consider loading critical JS/CSS inline or loading scripts asynchronously or loading the tag earlier in the head. [Learn more](#).

Show 3rd-party resources (4)

Resource	Start	Duration
/css2?family=Lato:ital,wght@0,400;0,700;1,400;1,700&display=swap (fonts.googleapis.com)	363 ms	214 ms
...dist/algoliasearchNetlify.css (cdn.jsdelivr.net)	363 ms	251 ms
/css?family=Raleway:200,100,400 (fonts.googleapis.com)	577 ms	40 ms
...300/addthis_widget.js (s7.addthis.com)	382 ms	1,055 ms
/webpack-runtime-3a29a7e....js (bgoonz-blog.netlify.app)	3,759 ms	0 ms
/dc6a872....dac9697....js (bgoonz-blog.netlify.app)	3,927 ms	0 ms
/app-b22e5fd....js (bgoonz-blog.netlify.app)	3,927 ms	42 ms
/styles-7d4153d....js (bgoonz-blog.netlify.app)	3,969 ms	0 ms
/29107295-519d329....js (bgoonz-blog.netlify.app)	3,969 ms	42 ms
/commons-f3b7f97....js (bgoonz-blog.netlify.app)	4,011 ms	84 ms
/component---src-templates-advanced-js-6f213d1....js (bgoonz-blog.netlify.app)	4,095 ms	0 ms
...8.8.1.firebaseio-app.js (bgoonz-blog.netlify.app)	4,095 ms	0 ms
...8.8.1.firebaseio-analytics.js (bgoonz-blog.netlify.app)	4,095 ms	0 ms
...firebase/init.js (bgoonz-blog.netlify.app)	4,095 ms	0 ms
...8.8.1.firebaseio-analytics.js (bgoonz-blog.netlify.app)	4,095 ms	0 ms
...firebase/init.js (bgoonz-blog.netlify.app)	4,095 ms	0 ms

● Ad request waterfall — 2 serial resources ^

Consider reducing the number of resources, loading multiple resources simultaneously, or loading resources earlier to improve ad speed. Requests that block ad loading can be found below. [Learn more](#).

Show 3rd-party resources (2)

Type	Request	Start	End
AdSense	...js/adsbygoogle.js (pagead2.googlesyndication.com)	614 ms	1,162 ms
Google/Doubleclick Ads	...m202.../show_ads_impl_fy201... (pagead2.googlesyndication.com)	1,184 ms	1,744 ms

Tag Best Practices

● Deprecated GPT API Usage — 0 errors found ^

Deprecated GPT API methods should be avoided to ensure your page is tagged correctly. [Learn more](#).

● GPT Errors — 0 errors found ^

Fix GPT errors to ensure your page is tagged as intended. [Learn more](#).

Passed audits (9)

- Tag load time — 1.2 s

This metric measures the time for the ad tag's implementation script (pubads_impl.js for GPT; adsbygoogle.js for AdSense) to load after the page loads. [Learn more](#).

- First ad request time — 1.9 s

This metric measures the elapsed time from the start of page load until the first ad request is made. Delayed ad requests will decrease impressions and viewability, and have a negative impact on ad revenue. [Learn more](#).

- Cumulative ad shift — 0.02

Measures layout shifts that were caused by ads or happened near ads. Reducing cumulative ad-related layout shift will improve user experience. [Learn more](#).

- No bottleneck requests found

Speed up, load earlier, parallelize, or eliminate the following requests and their dependencies in order to speed up ad loading. [Learn More](#).

Show 3rd party resources (1)

Blocking Request	Exclusive Time	Total Time
...m202.../show_ads_impl_fy201... (pagead2.googlesyndication.com)	560 ms	560 ms

- Ad scripts are loaded statically

Load the following scripts directly with `<script async src=...>` instead of injecting scripts with JavaScript. Doing so allows the browser to preload scripts sooner. [Learn more](#).

- Ads not blocked by load events

Waiting on load events increases ad latency. To speed up ads, eliminate the following load event handlers. [Learn More](#).

- Ad tag is loaded asynchronously

Loading the ad tag synchronously blocks content rendering until the tag is fetched and loaded. Consider using the `async` attribute to load gpt.js and/or adsbygoogle.js asynchronously. [Learn more](#).

- Ad tag is loaded over HTTPS

For privacy and security, always load GPT/AdSense over HTTPS. Insecure pages should explicitly request the ad script securely. GPT Example: `<script async src="https://securepubadsg.doubleclick.net/tag/js/gpt.js">` AdSense Example: `<script async src="https://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js">`. [Learn more](#).

- No duplicate tags found

Loading a tag more than once in the same page is redundant and adds overhead without benefit. [Learn more](#).

Not applicable (9)

- First bid request time — No bids detected

This metric measures the elapsed time from the start of page load until the first bid request is made. Delayed bid requests will decrease impressions and viewability, and have a negative impact on ad revenue. [Learn More](#).

- Latency of first ad render — No ads rendered

This metric measures the time for the first ad iframe to render from page navigation. [Learn more](#).

- GPT and bids loaded in parallel — GPT not requested

To optimize ad loading, bid requests should not wait on GPT to load. This issue can often be fixed by making sure that bid requests do not wait on `googletag.pubadsReady` or `googletag.cmd.push`. [Learn More](#)

● Header bidding is parallelized — No bids detected ^

Send header bidding requests simultaneously, rather than serially, to retrieve bids more quickly. [Learn more](#).

● No long tasks blocking ad-related network requests — No tasks to compare ^

Tasks blocking the main thread can delay ad requests and cause a poor user experience. Consider removing long blocking tasks or moving them off of the main thread. These tasks can be especially detrimental to performance on less powerful devices. [Learn more](#).

● Few or no ads loaded outside viewport — No visible slots ^

Too many ads loaded outside the viewport lowers viewability rates and impacts user experience. Consider loading ads below the fold lazily as the user scrolls down. Consider using GPT's [Lazy Loading API](#). [Learn more](#).

● GPT tag is loaded from an official source — GPT not requested ^

Load GPT from 'securepubads.g.doubleclick.net' for standard integrations or from 'pagead2.googlesyndication.com' for limited ads. [Learn more](#).

● Ad density is within recommended range — No visible slots ^

Ad density, the ads-to-content ratio, can impact user experience and ultimately user retention. The Better Ads Standard [recommends having an ad density below 30%](#). [Learn more](#).

● No ad found at the very top of the viewport — No visible slots ^

Over 10% of ads are never viewed because users scroll past them before they become viewable. By moving ad slots away from the very top of the viewport, users are more likely to see ads before scrolling away. [Learn more](#).

Runtime Settings

URL	https://bgoonz-blog.netlify.app/
Fetch Time	Sep 28, 2021, 11:43 PM EDT
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4606.61 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4590.2 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1563
Axe version	4.2.3