



Performance



Accessibility



Best Practices



SEO



Progressive Web App

- Print Summary
- Print Expanded
- Copy JSON
- Save as HTML
- Save as JSON
- Open in Viewer
- Toggle Dark Theme



# Performance

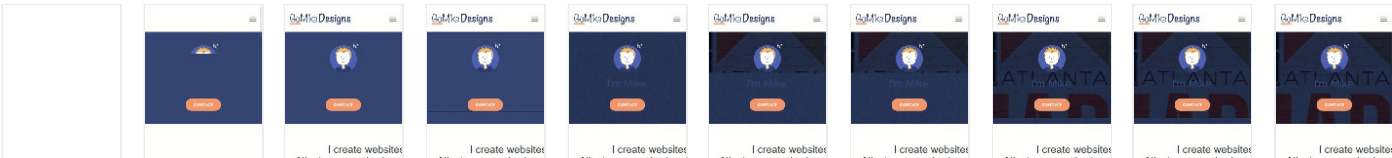
## Metrics



▲ First Contentful Paint	4.5 s	▲ First Meaningful Paint	4.5 s
▲ Speed Index	7.0 s	First CPU Idle	4.5 s
Time to Interactive	4.7 s	Max Potential First Input Delay	190 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 directly affect the Performance score.

Opportunity	Estimated Savings
▲ Serve images in next-gen formats	99.45 s
▲ Efficiently encode images	81.15 s
▲ Properly size images	5.7 s
▲ Eliminate render-blocking resources	3.94 s
Minify JavaScript	0.15 s
Remove unused CSS	0.15 s

**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 31,240 KB	▼
▲ Serve static assets with an efficient cache policy — 24 resources found	▼
▲ Ensure text remains visible during webfont load	▼
▲ Minimize main-thread work — 5.7 s	▼
Avoid chaining critical requests — 11 chains found	▼
Keep request counts low and transfer sizes small — 25 requests • 31,240 KB	▼
<b>Passed audits (12)</b>	▼



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

▲ <html> element does not have a valid value for its [ lang ] attribute.	▼
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**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

▲ Links do not have a discernible name	▼
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**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](#).

<b>Passed audits (9)</b>	▼
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<b>Not applicable (23)</b>	▼
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## Best Practices

- ▲ Does not use HTTP/2 for all of its resources — 25 requests not served via HTTP/2
- ▲ Includes front-end JavaScript libraries with known security vulnerabilities — 7 vulnerabilities detected
- Passed audits (13)



## SEO

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. [Learn more.](#)

**Mobile Friendly** — Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. [Learn more.](#)

- ▲ Tap targets are not sized appropriately — 35% appropriately sized tap targets
- Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.

- Passed audits (10)
- Not applicable (2)



## Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more.](#)

### Fast and reliable

- Page load is fast enough on mobile networks
- ▲ Current page does not respond with a 200 when offline
- ▲ start\_url does not respond with a 200 when offline No usable web app manifest found on page.

**Installable**

Uses HTTPS



▲ Does not register a service worker that controls page and start\_url

▲ Web app manifest does not meet the installability requirements **Failures: No manifest was fetched.****PWA Optimized**

Redirects HTTP traffic to HTTPS

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

Does not set a theme color for the address bar.

▲ **Failures: No manifest was fetched, No `**

Content is sized correctly for the viewport

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

Contains some content when JavaScript is not available



▲ Does not provide a valid apple-touch-icon



**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.

**Runtime Settings**

<b>URL</b>	https://riannestreef.github.io/
<b>Fetch time</b>	Jun 13, 2020, 1:49 PM GMT+2
<b>Device</b>	Emulated Nexus 5X
<b>Network throttling</b>	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
<b>CPU throttling</b>	4x slowdown (Simulated)
<b>User agent (host)</b>	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_5) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/83.0.4103.97 Safari/537.36
<b>User agent (network)</b>	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
<b>CPU/Memory Power</b>	1208