



There were issues affecting this run of Lighthouse:

- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.

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Performance

Metrics

First Contentful Paint	2.5 s	▲	Time to Interactive	11.7 s
▲ Speed Index	7.3 s	▲	Total Blocking Time	4,140 ms
▲ Largest Contentful Paint	7.6 s		Cumulative Layout Shift	0.052

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

View Trace



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

Opportunity	Estimated Savings
▲ Eliminate render-blocking resources	1.74 s
Preconnect to required origins	0.3 s

Remove unused JavaScript

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 48,734 KB	▾
▲ Avoid an excessive DOM size — 9,056 elements	▾
▲ Minimize main-thread work — 25.8 s	▾
▲ Ensure text remains visible during webfont load	▾
▲ Does not use HTTP/2 for all of its resources — 10 requests not served via HTTP/2	▾
Reduce JavaScript execution time — 2.1 s	▾
Avoid chaining critical requests — 8 chains found	▾
Keep request counts low and transfer sizes small — 409 requests • 48,732 KB	▾
Largest Contentful Paint element — 1 element found	▾
Avoid large layout shifts — 5 elements found	▾

Passed audits (17) ▾



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.

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 (10) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#). ▾

Passed audits (13) ▾

Not applicable (27) ▾



Best Practices

User Experience

▲ Displays images with inappropriate size



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.](#)

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

▲ Document does not have a meta description



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 not fast enough on mobile networks

- ▲ Your page loads too slowly and is not interactive within 10 seconds. Look at the opportunities and diagnostics in the "Performance" section to learn how to improve. ▼
- Interactive at 11.7 s

Current page responds with a 200 when offline ▼

`start_url` responds with a 200 when offline ▼

Installable

Uses HTTPS ▼

Registers a service worker that controls page and `start_url` ▼

Web app manifest meets the installability requirements ▼

PWA Optimized

- ▲ Does not redirect HTTP traffic to HTTPS ▼

Configured for a custom splash screen ▼

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

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` ▼

- ▲ Manifest doesn't have a maskable 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

URL	http://localhost:8080/
Fetch Time	Oct 3, 2020, 10:25 PM EDT
Device	Emulated Moto G4
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
Channel	devtools

User agent (host)	Mozilla/5.0 (Windows NT 6.1; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.121 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 6.0.1; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3963.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1440

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