



There were issues affecting this run of Lighthouse:

- The page loaded too slowly to finish within the time limit. Results may be incomplete.
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Performance

Metrics

First Contentful Paint	0.4 s	▲ Time to Interactive	5.2 s
▲ Speed Index	2.5 s	Total Blocking Time	320 ms
▲ Largest Contentful Paint	7.0 s	▲ Cumulative Layout Shift	1.108

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

View Original Trace



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

Opportunity	Estimated Savings
▲	

▲ Preload Largest Contentful Paint image	1.45 s	
Properly size images	0.76 s	▼
Remove unused JavaScript	0.64 s	▼

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

▲ Image elements do not have explicit width and height	▼
▲ Avoid enormous network payloads — Total size was 6,485 KiB	▼
Minimize main-thread work — 2.2 s	▼
Avoid chaining critical requests — 2 chains found	▼
User Timing marks and measures — 1,063 user timings	▼
Keep request counts low and transfer sizes small — 51 requests • 6,485 KiB	▼
Largest Contentful Paint element — 1 element found	▼
Avoid large layout shifts — 5 elements found	▼
Avoid long main-thread tasks — 5 long tasks found	▼
Avoid non-composited animations — 7 animated elements found	▼
Passed audits (24)	▼



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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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.

▲ Document doesn't have a <title> element	▼
▲ Image elements do not have [alt] attributes	▼

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

▲

Heading elements are not in a sequentially-descending order

▼

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

▼

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 (9)

Not applicable (30)



Best Practices

User Experience

▲

Displays images with incorrect aspect ratio

▼

General

▲

Uses deprecated APIs — 1 warning found

▼

▲

Browser errors were logged to the console

▼

▲

Issues were logged in the [Issues](#) panel in Chrome Devtools

▼

Passed audits (13)

Not applicable (1)



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.](#)

▲ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ▼

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

▲ Document doesn't have a `<title>` element ▼

▲ Document does not have a meta description ▼

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

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ▼

Passed audits (6) ▼

Not applicable (4) ▼



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 ▼

PWA Optimized

▲ Does not register a service worker that controls page and `start_url` ▼

▲ Does not redirect 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 `<meta name="theme-color">` tag found. ▼

Content is sized correctly for the viewport ▼

- ▲ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ▼
- ▲ Does not provide a valid `apple-touch-icon` ▼
- ▲ Manifest doesn't have a maskable icon No manifest was fetched ▼

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:3000/
Fetch Time	Apr 27, 2021, 6:48 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 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.114 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1692
Axe version	4.1.1

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