



Performance



Accessibility



Best Practices



SEO



Progressive Web App



There were issues affecting this run of Lighthouse:

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



Performance

Metrics



First Contentful Paint	1.2 s	Time to Interactive	2.4 s
Speed Index	2.1 s	Total Blocking Time	200 ms
Largest Contentful Paint	1.2 s	Cumulative Layout Shift	0.01

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
▲ Properly size images	15.88 s
▲ Use HTTP/2	5.64 s
▲ Serve images in next-gen formats	3.6 s
Minify JavaScript	0.16 s
Remove unused JavaScript	0.16 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 18,214 KiB	▼
▲	Serve static assets with an efficient cache policy — 21 resources found	▼
▲	Image elements do not have explicit width and height	▼
▲	Avoid an excessive DOM size — 1,748 elements	▼
	Avoid chaining critical requests — 3 chains found	▼
	Keep request counts low and transfer sizes small — 101 requests • 18,214 KiB	▼
	Largest Contentful Paint element — 1 element found	▼
	Avoid large layout shifts — 5 elements found	▼
	Avoid long main-thread tasks — 3 long tasks found	▼

Passed audits (21) ▼



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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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 (8) ▼

Not applicable (32) ▼



Best Practices

General

▲ Missing source maps for large first-party JavaScript

Passed audits (15)

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](#).

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

▲ robots.txt is not valid — 29 errors found

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

Passed audits (10)

Not applicable (3)



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 responds with a 200 when offline

▲ start_url does not respond with a 200 when offline The start_url did respond, but not via a service worker.

Installable

Uses HTTPS	▼
Registers a service worker that controls page and start_url	▼
▲ Web app manifest does not meet the installability requirements Failures: Manifest does not have `short_name`.	▼

PWA Optimized

▲ Does not redirect HTTP traffic to HTTPS	▼
Configured for a custom splash screen	▼
Sets a theme color for the address bar.	▼
Content is sized correctly for the viewport	▼
Has a <code><meta name="viewport"></code> tag with width or initial-scale	▼
Contains some content when JavaScript is not available	▼
Provides 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	https://spacex-launch-board.herokuapp.com/
Fetch Time	Jan 18, 2021, 7:43 PM GMT+5:30
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/87.0.4280.141 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	851
Axe version	3.5.5