https://react-spacex-history.netlify.app/   ⋮

79	**92**	**100**	**100**	**PWA**
Performance	Accessibility	Best Practices	SEO	Progressive Web App

| 0–49 | 50–89 | 90–100 |

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.

79

Performance

Metrics ≡

First Contentful Paint	1.8 s	Time to Interactive	4.0 s
Speed Index	2.2 s	▲ Total Blocking Time	820 ms
Largest Contentful Paint	1.8 s	Cumulative Layout Shift	0.002

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	8.41 s ⌄
Preconnect to required origins	0.56 s ⌄
Remove unused CSS	0.5 s ⌄

	Eliminate render-blocking resources	0.28 s	⌄
▲	Remove unused JavaScript	Error!	⌄
▲	Remove duplicate modules in JavaScript bundles	Error!	⌄
▲	Avoid serving legacy JavaScript to modern browsers	Error!	⌄

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 16,795 KiB	⌄
▲	Image elements do not have explicit `width` and `height`	⌄
▲	Minimize main-thread work — 8.8 s	⌄
	Reduce JavaScript execution time — 1.9 s	⌄
	Avoid chaining critical requests — 4 chains found	⌄
	User Timing marks and measures — 2 user timings	⌄
	Keep request counts low and transfer sizes small — 105 requests • 16,795 KiB	⌄
	Largest Contentful Paint element — 1 element found	⌄
	Avoid large layout shifts — 1 element found	⌄
	Avoid long main-thread tasks — 16 long tasks found	⌄

Passed audits (18) ⌄

92

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.	⌄

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

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

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) ⌄

100

Best Practices

Passed audits (15) ⌄

100

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](#).

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

Passed audits (13) ⌄

Not applicable (1) ⌄

PWA

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
Timed out waiting for start_url (https://react-spacex-history.netlify.app/) to respond. ⌄

Installable

Uses HTTPS ⌄

⚠ Does not register a service worker that controls page and start_url ⌄

Web app manifest meets the installability requirements ⌄

PWA Optimized

Redirects 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 `<meta name="viewport">` 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://react-spacex-history.netlify.app/
Fetch Time	Oct 29, 2020, 10:33 AM GMT+5:30
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 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like

Gecko) Chrome/86.0.4240.111 Safari/537.36

User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	772

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