

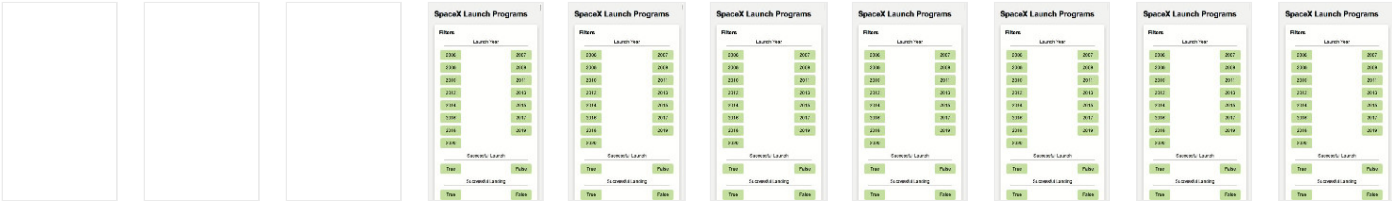
Performance

Metrics

First Contentful Paint	2.0 s	▲ Time to Interactive	15.0 s
Speed Index	2.8 s	▲ Total Blocking Time	1,430 ms
▲ Largest Contentful Paint	7.4 s	Cumulative Layout Shift	0

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
▲ Defer offscreen images	9.6 s
▲ Remove unused JavaScript	5.1 s
Use HTTP/2	0.54 s
Eliminate render-blocking resources	0.33 s
▲ Reduce initial server response time	0.05 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	▼
▲ Minimize main-thread work — 8.0 s	▼
▲ Avoid an excessive DOM size — 2,123 elements	▼
Reduce JavaScript execution time — 2.3 s	▼
Avoid enormous network payloads — Total size was 3,100 KiB	▼
Avoid chaining critical requests — 1 chain found	▼
User Timing marks and measures — 28 user timings	▼
Keep request counts low and transfer sizes small — 103 requests • 3,100 KiB	▼
Largest Contentful Paint element — 1 element found	▼
Avoid long main-thread tasks — 11 long tasks found	▼
Passed audits (20)	▼



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.

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

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

Passed audits (15) ▼



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 — 15 errors found

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

Passed audits (12)

Not applicable (1)



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 15.0 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	▼
Sets a theme color for the address bar.	▼
Content is sized correctly for the viewport	▼
Has a <code><meta name="viewport"></code> tag with <code>width</code> or <code>initial-scale</code>	▼
Contains some content when JavaScript is not available	▼
▲ Does not provide a valid <code>apple-touch-icon</code>	▼
Manifest has 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://ankitshar92-spacex.herokuapp.com/programs
Fetch Time	Nov 1, 2020, 5:32 PM 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 (Macintosh; Intel Mac OS X 10_12_6) 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	1038

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