



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.



Performance

Metrics		
First Contentful Paint	0.9 s	
Speed Index	1.5 s	
Largest Contentful Paint	1.8 s	
Time to Interactive	3.8 s	
Total Blocking Time	90 ms	
Cumulative Layout Shift	0.114	

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
▲ Remove unused JavaScript	2.56 s
▲ Minify JavaScript	1.64 s
▲ Serve images in next-gen formats	1.34 s
▲ Defer offscreen images	1 s
Properly size images	0.63 s
▲ Reduce initial server response time	0.04 s

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

▲ Does not use HTTP/2 for all of its resources — 12 requests not served via HTTP/2	▼
▲ Avoid an excessive DOM size — 1,635 elements	▼
Avoid enormous network payloads — Total size was 3,669 KB	▼
Minimize main-thread work — 2.2 s	▼
User Timing marks and measures — 4 user timings	▼
Keep request counts low and transfer sizes small — 106 requests • 3,669 KB	▼
Largest Contentful Paint element — 1 element found	▼
Avoid large layout shifts — 5 elements found	▼
Passed audits (16)	▼



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.

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 (11) ▼

Not applicable (30) ▼



Best Practices

Passed audits (14) ▼



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 (8)



Not applicable (4)



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 on simulated mobile network at 16.9 s

▲ Current page does not respond with a 200 when offline



▲ `start_url` does not respond with a 200 when offline No usable web app manifest found on page.



Installable

Uses HTTPS



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



▲ Web app manifest does not meet the installability requirements Failures: No manifest was fetched.



PWA Optimized

▲ 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

▼
- 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 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	https://spacex-lavish.herokuapp.com/
Fetch Time	Sep 24, 2020, 5:44 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 (Macintosh; Intel Mac OS X 10_15_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.121 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3963.0 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1160