






16

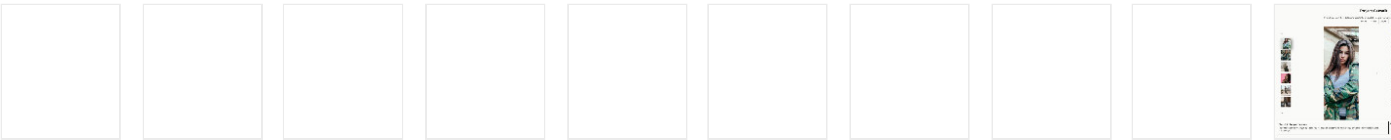
# Performance

Metrics

 First Contentful Paint	4.2 s	 Time to Interactive	5.4 s
 Speed Index	5.6 s	 Total Blocking Time	590 ms
 Largest Contentful Paint	7.0 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
 Remove unused JavaScript	1.2 s
Preload Largest Contentful Paint image	0.73 s
Eliminate render-blocking resources	0.23 s
Preconnect to required origins	0.14 s

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

▲ Avoid an excessive DOM size — 4,364 elements	▼
▲ Does not use passive listeners to improve scrolling performance	▼
▲ Image elements do not have explicit <code>width</code> and <code>height</code>	▼
▲ Avoid enormous network payloads — Total size was 6,259 KiB	▼
Minimize main-thread work — 2.1 s	▼
Avoid chaining critical requests — 6 chains found	▼
Keep request counts low and transfer sizes small — 49 requests • 6,259 KiB	▼
Largest Contentful Paint element — 1 element found	▼
Avoid long main-thread tasks — 3 long tasks 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.

**ARIA** — These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

▲ ARIA input fields do not have accessible names	▼
▲ ARIA <code>progressbar</code> elements do not have accessible names.	▼

**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.

▲ Buttons do not have an accessible name	▼
▲ Image elements do not have <code>[alt]</code> attributes	▼
▲ Form elements do not have associated labels	▼
▲ Links do not have a discernible name	▼

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

▲ <code>[id]</code> attributes on active, focusable elements are not unique	▼
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**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

**Tables and lists** — These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

▲ Lists do not contain only `<li>` elements and script supporting elements (`<script>` and `<template>`).

▲ List items (`<li>`) are not contained within `<ul>` or `<ol>` parent elements.

**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 (14)

Not applicable (20)



## Best Practices

### Trust and Safety

▲ Does not use HTTPS — 3 insecure requests found

### General

▲ Browser errors were logged to the console

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

Passed audits (14)

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 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 (7)** ▼

**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

<b>URL</b>	http://localhost:3000/
<b>Fetch Time</b>	Apr 27, 2021, 8:22 PM MDT
<b>Device</b>	Emulated Desktop
<b>Network throttling</b>	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
<b>CPU throttling</b>	1x slowdown (Simulated)
<b>Channel</b>	devtools
<b>User agent (host)</b>	Mozilla/5.0 (Macintosh; Intel Mac OS X 11_2_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.128 Safari/537.36
<b>User agent (network)</b>	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
<b>CPU/Memory Power</b>	1288
<b>Axe version</b>	4.1.1

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