



Performance



Accessibility



Best Practices



SEO



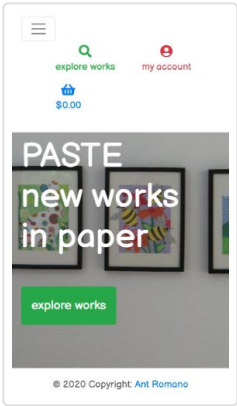
PWA



# Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49      50–89      90–100



## METRICS

Expand view

▲ First Contentful Paint  
**3.5 s**

Time to Interactive  
**4.4 s**

Speed Index  
**4.0 s**

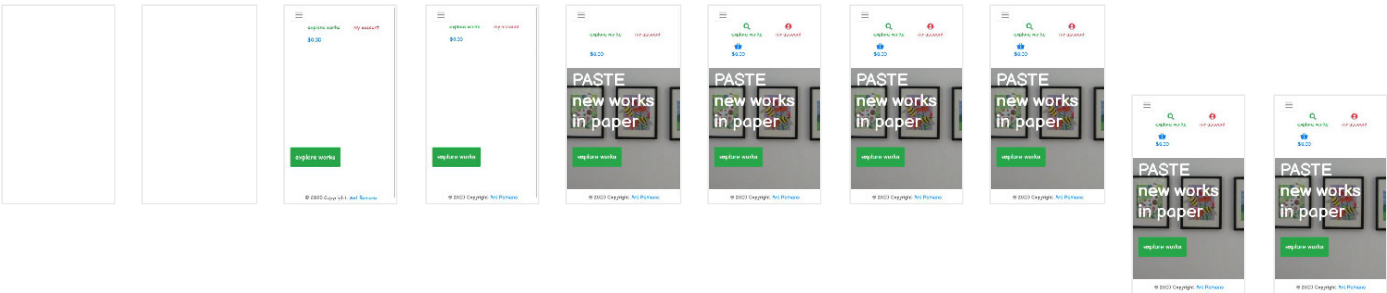
Total Blocking Time  
**450 ms**

▲ Largest Contentful Paint  
**5.7 s**








Cumulative Layout Shift  
**0.01**

[View Original Trace](#)

[View Treemap](#)




















OPPORTUNITIES

Opportunity	Estimated Savings
 Eliminate render-blocking resources	2.39 s 
Serve images in next-gen formats	0.6 s 
Reduce unused JavaScript	0.51 s 
Preconnect to required origins	0.33 s 
Reduce unused CSS	0.17 s 
Efficiently encode images	0.17 s 

These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

DIAGNOSTICS

 Reduce the impact of third-party code — Third-party code blocked the main thread for 1,010 ms	
 Serve static assets with an efficient cache policy — 4 resources found	
 Minimize main-thread work — 4.6 s	
Reduce JavaScript execution time — 1.6 s	
 Avoid chaining critical requests — 9 chains found	
 Keep request counts low and transfer sizes small — 20 requests • 654 KiB	
 Largest Contentful Paint element — 1 element found	
 Avoid large layout shifts — 5 elements found	
 Avoid long main-thread tasks — 18 long tasks found	



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



# 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

-  Background and foreground colors do not have a sufficient contrast ratio. 

These are opportunities to improve the legibility of your content.

## NAVIGATION

-  Heading elements are not in a sequentially-descending order 

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (15)

Show

NOT APPLICABLE (27)

Show



# Best Practices

## TRUST AND SAFETY

- ▲

Includes front-end JavaScript libraries with known security vulnerabilities — 2 vulnerabilities detected

▼
- Ensure CSP is effective against XSS attacks

▼

GENERAL

- Detected JavaScript libraries

▼

PASSED AUDITS (13)

Show

NOT APPLICABLE (1)

Show



SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#). [Learn more](#).

CONTENT BEST PRACTICES

- ▲

Document does not have a meta description

▼

Format your HTML in a way that enables crawlers to better understand your app's content.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (10)

Show

NOT APPLICABLE (3)

Show



## PWA

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` ▼
- ▲ 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` ▼
- ▲ 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)

Show

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.

Captured at Feb 24, 2022,  
11:43 PM EST  
Initial page load

Emulated Moto G4 with  
Lighthouse 9.1.0  
Slow 4G throttling

Single page load  
Using Chromium  
98.0.4758.102 with devtools