http://127.0.0.1:5500/index.html

74   71   100   70   PWA

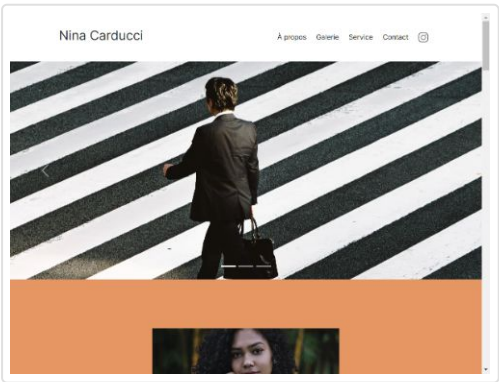| 74	71	100	70	PWA
Performance	Accessibility	Best Practices	SEO	PWA

74

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

0.9 s

▲ Largest Contentful Paint

10.1 s

Total Blocking Time

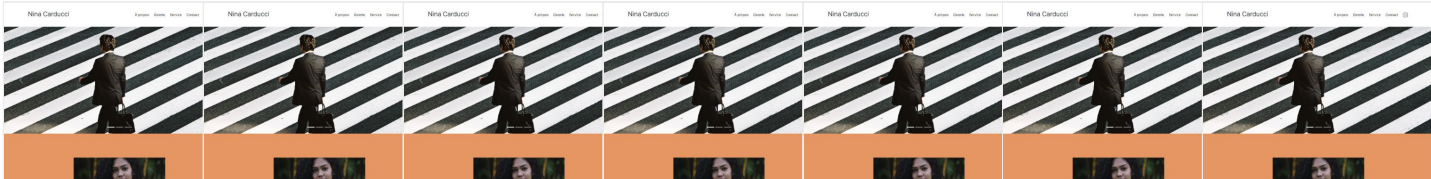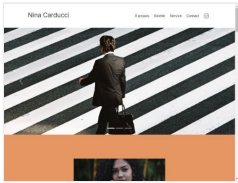**0 ms**

Cumulative Layout Shift

0

Speed Index

0.9 s

View Treemap   View Original Trace

Show audits relevant to: All   FCP   LCP   TBT   CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Properly size images	17.64s ⌄
▲ Serve images in next-gen formats	7.84s ⌄
▲ Efficiently encode images	1.56s ⌄
Eliminate render-blocking resources	0.73s ⌄
Enable text compression	0.40s ⌄
Reduce unused CSS	0.20s ⌄

These suggestions can help your page load faster. They don't directly affect the Performance score.

DIAGNOSTICS

▲ Avoid enormous network payloads — Total size was 30,679 KiB	⌄
▲ Image elements do not have explicit `width` and `height`	⌄
▲ Page prevented back/forward cache restoration — 1 failure reason	⌄
○ Avoid chaining critical requests — 10 chains found	⌄
○ Keep request counts low and transfer sizes small — 27 requests • 30,679 KiB	⌄
○ Largest Contentful Paint element — 10,050 ms	⌄
○ Avoid large layout shifts — 1 element found	⌄

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (27)   Show

71

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.

NAMES AND LABELS

⚠ Image elements do not have `[alt]` attributes   ⌄

⚠ Form elements do not have associated labels   ⌄

⚠ Document doesn't have a `<title>` element   ⌄

⚠ Links do not have a discernible name   ⌄

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.

CONTRAST

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

These are opportunities to improve the legibility of your content.

INTERNATIONALIZATION AND LOCALIZATION

⚠ `<html>` element does not have a `[lang]` attribute   ⌄

These are opportunities to improve the interpretation of your content by users in different locales.

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 (11)   Show

NOT APPLICABLE (30)   Show

100

Best Practices

TRUST AND SAFETY

○   Ensure CSP is effective against XSS attacks   ⌄

GENERAL

○   Detected JavaScript libraries   ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (1)   Show

70

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 about Google Search Essentials](#).

CONTENT BEST PRACTICES

⚠ Document doesn't have a `<title>` element	⌄
⚠ Document does not have a meta description	⌄
⚠ Image elements do not have `[alt]` attributes	⌄

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 (7)   Show

NOT APPLICABLE (4)   Show

PWA

PWA

These checks validate the aspects of a Progressive Web App. [Learn what makes a good Progressive Web App](#).

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`

▲ 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 Sep 8, 2023, 9:37 AM GMT+2   Emulated Desktop with Lighthouse 10.3.0   Single page load

Initial page load   Custom throttling   Using Chromium 116.0.0.0 with devtools

Generated by **Lighthouse** 10.3.0 | File an issue