http://127.0.0.1:56603/index.html                                          ⋮

| 92 | 68 | 100 | 70 | PWA |
|---|---|---|---|---|
| Performance | Accessibility | Best Practices | SEO | PWA |

## 92

## Performance

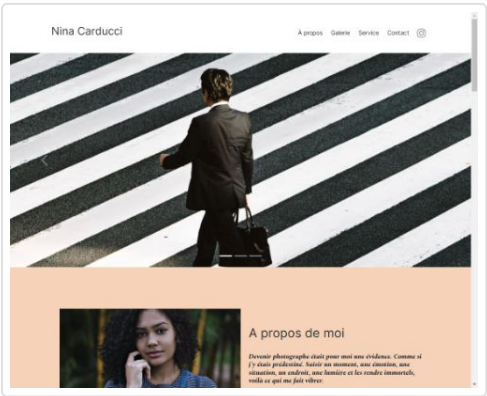Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49          50–89          90–100

METRICS                                          Expand view

| First Contentful Paint | Largest Contentful Paint |
|---|---|
| 1.0 s | 1.7 s |

| Total Blocking Time | Cumulative Layout Shift |
|---|---|
| 0 ms | 0.027 |

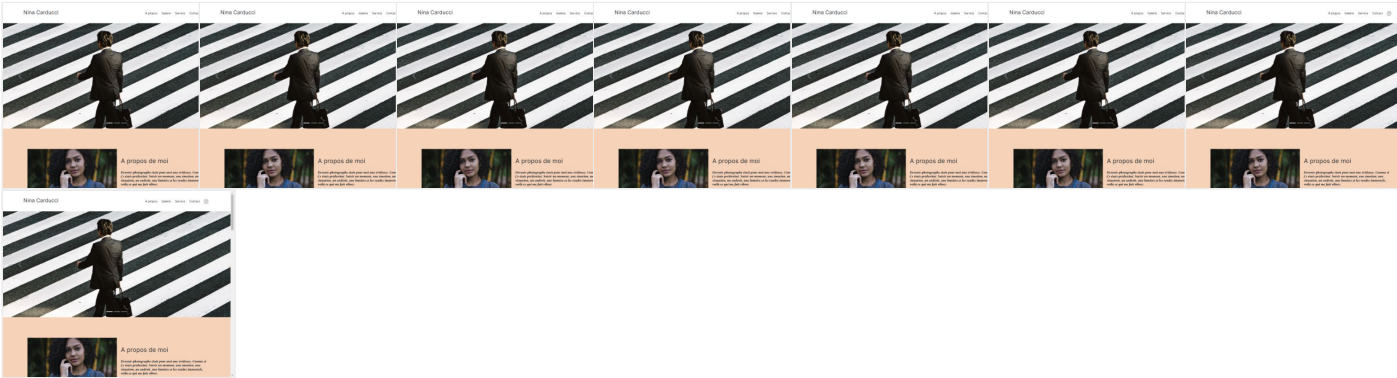| Speed Index | |
|---|---|
| 1.0 s | |

[ ] View Treemap          View Original Trace

Show audits relevant to:          All   FCP   LCP   TBT   CLS

## OPPORTUNITIES

| Opportunity | Estimated Savings |
|---|---|
| ▲ Serve images in next-gen formats | 1.20s ⌄ |
| ▲ Properly size images | 1.00s ⌄ |
| ▲ Eliminate render-blocking resources | 0.81s ⌄ |
| Enable text compression | 0.40s ⌄ |
| Reduce unused CSS | 0.24s ⌄ |

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

## DIAGNOSTICS

| | |
|---|---|
| ▲ Image elements do not have explicit `width` and `height` | ⌄ |
| ▲ Page prevented back/forward cache restoration — 1 failure reason | ⌄ |
| Avoid enormous network payloads — Total size was 2,794 KiB | ⌄ |
| ○ Avoid chaining critical requests — 10 chains found | ⌄ |
| ○ Keep request counts low and transfer sizes small — 27 requests • 2,794 KiB | ⌄ |
| ○ Largest Contentful Paint element — 1 element found | ⌄ |
| ○ Avoid large layout shifts — 4 elements found | ⌄ |

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

## PASSED AUDITS (28)        Show

68

# 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 (10) | Show |
|---|---|

| NOT APPLICABLE (27) | 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

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### 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

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 Aug 5, 2023, 3:09 AM GMT+2 | ▪ Emulated Desktop with Lighthouse 10.2.0 | ▪ Single page load |
| ▪ Initial page load | ▪ Custom throttling | ▪ Using Chromium 115.0.0.0 with devtools |

Generated by **Lighthouse** 10.2.0 |

Generated by **Lighthouse** 10.2.0 |