http://127.0.0.1:5500/P4-Project-Updates/index.html

76	87	92	94	PWA
Performance	Accessibility	Best Practices	SEO	PWA

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.**

- **There may be stored data affecting loading performance in this location: IndexedDB. Audit this page in an incognito window to prevent those resources from affecting your scores.**
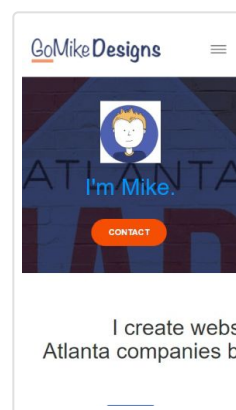
76

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	Time to Interactive
2.2 s	2.4 s

Speed Index	Total Blocking Time
2.2 s	70 ms

▲ Largest Contentful Paint	Cumulative Layout Shift
4.3 s	0.222

View Original Trace   View Treemap
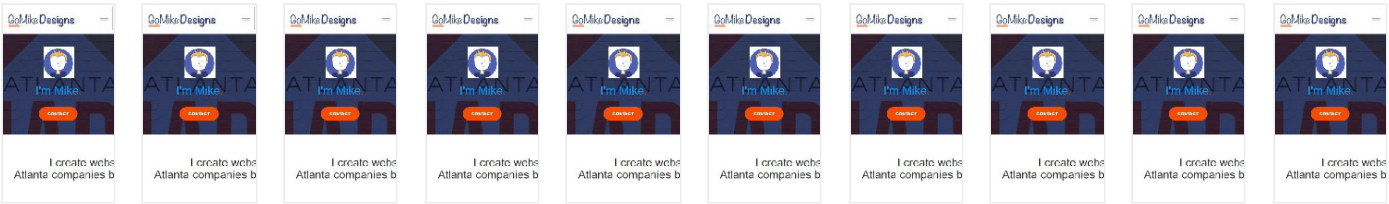
Show audits relevant to: All   FCP   TBT   LCP   CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Reduce unused CSS	1.35 s ⌄
▲ Enable text compression	1.2 s ⌄
▲ Eliminate render-blocking resources	1.13 s ⌄
Minify CSS	0.3 s ⌄

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

DIAGNOSTICS

▲ Ensure text remains visible during webfont load	⌄
▲ Image elements do not have explicit `width` and `height`	⌄
Minimize main-thread work — 2.5 s	⌄
Reduce JavaScript execution time — 1.5 s	⌄
○ Avoid chaining critical requests — 5 chains found	⌄
○ Keep request counts low and transfer sizes small — 24 requests • 1,018 KiB	⌄
○ Largest Contentful Paint element — 1 element found	⌄
○ Avoid large layout shifts — 5 elements found	⌄
○ Avoid long main-thread tasks — 7 long tasks found	⌄

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

Show

87

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.

INTERNATIONALIZATION AND LOCALIZATION

⚠ `<html>` element does not have a valid value for its `[lang]` attribute. ⌄

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

NAMES AND LABELS

⚠ 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.

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

92

Best Practices

USER EXPERIENCE

🔺 Serves images with low resolution ⌄

TRUST AND SAFETY

◯ Ensure CSP is effective against XSS attacks ⌄

PASSED AUDITS (12)   Show

NOT APPLICABLE (2)   Show

94

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](#).

MOBILE FRIENDLY

🔺 Tap targets are not sized appropriately   — 35% appropriately sized tap targets ⌄

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](#).

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

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

PASSED AUDITS (11)   Show

NOT APPLICABLE (2)   Show

PWA

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 Mar 19, 2022, 1:29 PM EDT

Emulated Moto G4 with Lighthouse 9.2.0

Single page load

Initial page load

Slow 4G throttling

Using Chromium 99.0.4844.74 with devtools

Generated by **Lighthouse** 9.2.0 | File an issue