http://127.0.0.1:5500/Pages/index.html   ⋮

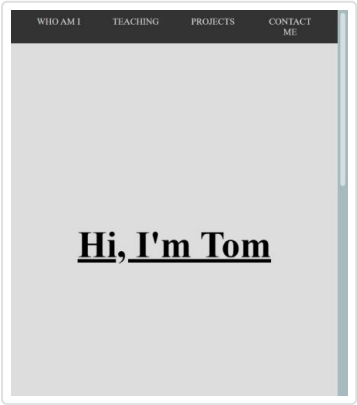| **98**	**100**	**75**	**90**	**PWA**
Performance	Accessibility	Best Practices	SEO	PWA

98

Performance

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

▲ 0–49   50–89   90–100

Hi, I'm Tom

WHO AM I   TEACHING   PROJECTS   CONTACT ME

METRICS   Expand view

First Contentful Paint	Time to Interactive
0.5 s	**0.5 s**

Speed Index	Total Blocking Time
0.5 s	**0 ms**

Largest Contentful Paint	Cumulative Layout Shift
0.6 s	**0.108**

View Original Trace   View Treemap

Show audits relevant to: All   FCP   TBT   LCP   CLS

OPPORTUNITIES

Opportunity   Estimated Savings

▲ Properly size images 3.03 s ⌄

Eliminate render-blocking resources 0.27 s ⌄

Serve images in next-gen formats 0.2 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` ⌄

Avoid enormous network payloads — Total size was 3,810 KiB ⌄

○ Avoid chaining critical requests — 2 chains found ⌄

○ Keep request counts low and transfer sizes small — 14 requests • 3,810 KiB ⌄

○ Largest Contentful Paint element — 1 element found ⌄

○ Avoid large layout shifts — 1 element found ⌄

○ Avoid long main-thread tasks — 2 long tasks found ⌄

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

PASSED AUDITS (29)   Show

100

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.

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 (13)   Show

NOT APPLICABLE (31)   Show

75

Best Practices

TRUST AND SAFETY

▲   Includes front-end JavaScript libraries with known security vulnerabilities   — 4 vulnerabilities detected   ⌄

○   Ensure CSP is effective against XSS attacks   ⌄

BROWSER COMPATIBILITY

▲   Page lacks the HTML doctype, thus triggering quirks-mode   Doctype name must be the lowercase string `html`   ⌄

GENERAL

▲   Browser errors were logged to the console   ⌄

○   Detected JavaScript libraries   ⌄

PASSED AUDITS (10)   Show

NOT APPLICABLE (1)   Show

90

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 (9)   Show

NOT APPLICABLE (4)   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 Jan 2, 2023, 1:08 PM GMT

Initial page load

Emulated Desktop with Lighthouse 9.6.6

Custom throttling

Single page load

Using Chromium 108.0.0.0 with devtools

Generated by **Lighthouse** 9.6.6 | File an issue