http://127.0.0.1:5501/welcome.html   ⋮

99	**92**	**96**	**90**	**PWA**
Performance	Accessibility	Best Practices	SEO	PWA

There were issues affecting this run of Lighthouse:

- **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.**

99

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

0.3 s

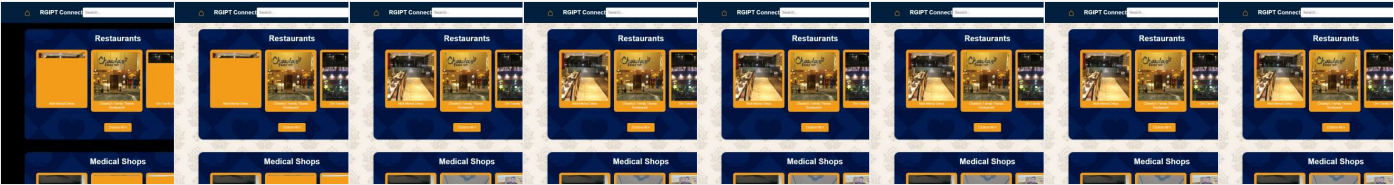Largest Contentful Paint

0.9 s

Total Blocking Time

20 ms

Cumulative Layout Shift

0

Speed Index

0.5 s

View Treemap

Show audits relevant to: All   FCP   LCP   TBT

DIAGNOSTICS

▲   Serve images in next-gen formats — Potential savings of 2,150 KiB   ⌄

▲   Efficiently encode images — Potential savings of 216 KiB   ⌄

▲   Enable text compression — Potential savings of 23 KiB   ⌄

▲   Page prevented back/forward cache restoration — 1 failure reason   ⌄

Minify CSS — Potential savings of 4 KiB   ⌄

Minify JavaScript — Potential savings of 2 KiB   ⌄

Serve static assets with an efficient cache policy — 19 resources found   ⌄

Properly size images — Potential savings of 3,823 KiB   ⌄

Reduce unused JavaScript — Potential savings of 67 KiB   ⌄

Avoid enormous network payloads — Total size was 4,641 KiB   ⌄

○   Initial server response time was short — Root document took 0 ms   ⌄

○   Avoids an excessive DOM size — 111 elements   ⌄

○   Avoid chaining critical requests — 6 chains found   ⌄

○   JavaScript execution time — 0.1 s   ⌄

○   Minimizes main-thread work — 0.5 s   ⌄

○   Minimize third-party usage — Third-party code blocked the main thread for 0 ms   ⌄

○   Largest Contentful Paint element — 920 ms   ⌄

○   Avoid long main-thread tasks — 1 long task found   ⌄

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

PASSED AUDITS (21)   Show

92

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, 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.

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 (12)   Show

NOT APPLICABLE (46)   Show

96

Best Practices

GENERAL

⚠ Browser errors were logged to the console   ⌄

TRUST AND SAFETY

○   Ensure CSP is effective against XSS attacks   ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (2)   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 about Google Search Essentials]().

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

**As per [Chrome's updated Installability Criteria](), Lighthouse will be deprecating the PWA category in a
future release. Please refer to the [updated PWA documentation]() for future PWA testing.**

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

Is not configured for a custom splash screen

⚠ Failures: Manifest does not have a PNG icon of at least 512px, Manifest does not have `background_color`, Manifest does not have `theme_color`, Manifest does not have `name`.   ⌄

Does not set a theme color for the address bar.

⚠ Failures: Manifest does not have `theme_color`, 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   ⌄

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 Apr 26, 2024, 2:19 AM GMT+5:30   ■ Emulated Desktop with Lighthouse 11.6.0   ■ Single page session

■ Initial page load   ■ Custom throttling   ■ Using Chromium 124.0.0.0 with devtools

Generated by **Lighthouse** 11.6.0 | [File an issue](#)