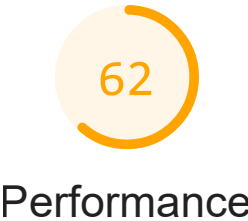




There were issues affecting this run of Lighthouse:

- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.

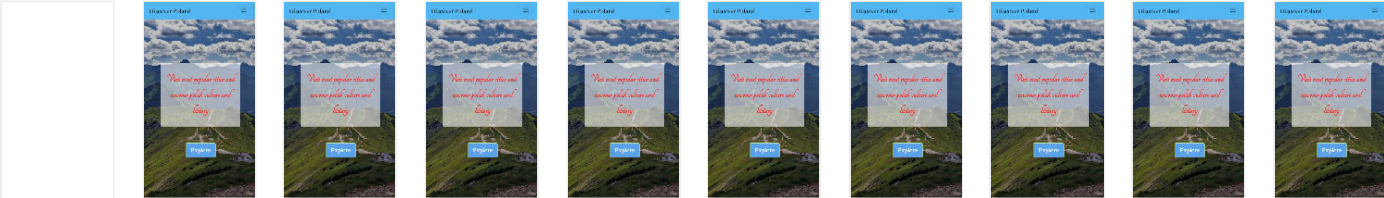


Metrics

First Contentful Paint	2.5 s	 Time to Interactive	8.4 s
Speed Index	4.9 s	Total Blocking Time	120 ms
 Largest Contentful Paint	5.9 s	Cumulative Layout Shift	0.057

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator](#).

View Original Trace



Opportunities — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity	Estimated Savings
Eliminate render-blocking resources	0.39 s 
Remove unused CSS	0.15 s 
 Remove unused JavaScript	Error! 
 Remove duplicate modules in JavaScript bundles	Error! 

▲ Avoid serving legacy JavaScript to modern browsers

Error! ▼

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

- ▲ Ensure text remains visible during webfont load ▼
- ▲ Does not use passive listeners to improve scrolling performance ▼
- ▲ Serve static assets with an efficient cache policy — 9 resources found ▼
- Minimize main-thread work — 2.9 s ▼
- Reduce JavaScript execution time — 1.8 s ▼
- Avoid chaining critical requests — 14 chains found ▼
- Keep request counts low and transfer sizes small — 46 requests • 1,724 KiB ▼
- Largest Contentful Paint element — 1 element found ▼
- Avoid large layout shifts — 1 element found ▼
- Avoid long main-thread tasks — 8 long tasks found ▼

Passed audits (20) ▼



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 — These are opportunities to improve the legibility of your content.

▲ Background and foreground colors do not have a sufficient contrast ratio. ▼

Names and labels — 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.

- ▲ Form elements do not have associated labels ▼
- ▲ Links do not have a discernible name ▼

Additional items to manually check (10) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#). ▼

Passed audits (20) ▼

Not applicable (18) ▼



Best Practices

General

▲ Browser errors were logged to the console ▼

Passed audits (15) ▼

Not applicable (1) ▼



SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. [Learn more](#).

Mobile Friendly — 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](#).

Tap targets are not sized appropriately — 82% appropriately sized tap targets ▼

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ▼

Passed audits (11) ▼

Not applicable (2) ▼



Progressive Web App

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

Fast and reliable

Page load is fast enough on mobile networks	✓
▲ Current page does not respond with a 200 when offline	✓
▲ <code>start_url</code> does not respond with a 200 when offline No usable web app manifest found on page.	✓

Installable

Uses HTTPS	✓
▲ Does not register a service worker that controls page and <code>start_url</code>	✓
▲ Web app manifest does not meet the installability requirements Failures: No manifest was fetched.	✓

PWA Optimized

Redirects HTTP traffic to HTTPS	✓
▲ 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 `<code><meta name="theme-color"></code>` tag found.	✓
Content is sized correctly for the viewport	✓
Has a <code><meta name="viewport"></code> tag with <code>width</code> or <code>initial-scale</code>	✓
Contains some content when JavaScript is not available	✓
▲ Does not provide a valid <code>apple-touch-icon</code>	✓
▲ Manifest doesn't have a maskable icon No manifest was fetched	✓

Additional items to manually check (3) — 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.

Runtime Settings

URL	https://piotrowojniak.github.io/MS2/
Fetch Time	Feb 5, 2021, 11:39 PM GMT
Device	Emulated Moto G4
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.150 Safari/537.36

User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	2171
Axe version	3.5.5

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