10/1/25, 5:12 PM

about:blank





94





SEO

Performance Accessibility

Best Practices



Performance

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

▲ 0-49 50-89



METRICS

90-100

METRICS

▲ First Contentful Paint

1.9 s

▲ Largest Contentful Paint

4.8 s

Total Blocking Time

0 ms

Cumulative Layout Shift

0

▲ Speed Index

2.3 s



Later this year, insights will replace performance audits. <u>Learn more and provide</u>

Go back to audits

Expand view

feedback here.

INSIGHTS

▲ Improve image delivery — Est savings of 1,709 KiB

^

Reducing the download time of images can improve the perceived load time of the page and LCP. <u>Learn more about optimizing image size</u> [FCP] (LCP)

✓ Show 3rd-party resources (10)

Show audits relevant to: All <u>FCP LCP CLS</u>

URL	Resource Size	Est Savings
localhost (1st Party)	1,748.5 KiB	1,397.7 KiB
/AlbedoBasjpg (localhost)	1,748.5 KiB	1,397.7 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		1,397.7 KiB
openstreetmap.org	418.1 KiB	311.4 KiB
2046/1361.png (c.tile.openstreetmap.org)	45.7 KiB	35.1 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression		35.1 KiB

about:blank 1/23

URL	Resource Size	Est Savings
could improve this image's download size.		
2047/1361.png (a.tile.openstreetmap.org)	45.4 KiB	34.7 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		34.7 KiB
2046/1362.png (a.tile.openstreetmap.org)	45.2 KiB	34.6 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		34.6 KiB
2047/1362.png (b.tile.openstreetmap.org)	42.6 KiB	32.0 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		32.0 KiB
2045/1362.png (c.tile.openstreetmap.org)	41.9 KiB	31.2 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		31.2 KiB
2045/1361.png (b.tile.openstreetmap.org)	41.8 KiB	31.2 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		31.2 KiB
2048/1361.png (b.tile.openstreetmap.org)	41.8 KiB	31.1 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		31.1 KiB
2044/1361.png (a.tile.openstreetmap.org)	38.7 KiB	28.0 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		28.0 KiB
2044/1362.png (b.tile.openstreetmap.org)	38.4 KiB	27.8 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		27.8 KiB
2048/1362.png (c.tile.openstreetmap.org)	36.4 KiB	25.8 KiB
Using a modern image format (WebP, AVIF) or increasing the image compression could improve this image's download size.		25.8 KiB
Render blocking requests — Est savings of 550 ms		^

Requests are blocking the page's initial render, which may delay LCP. <u>Deferring or inlining</u> can move these network requests out of the critical path. <u>(FCP)</u> <u>(LCP)</u>

URL	Transfer Size	Duration
Unpkg Cdn	4.0 KiB	710 ms
dist/leaflet.css (unpkg.com)	4.0 KiB	710 ms
Google Fonts Cdn	1.3 KiB	300 ms
/css2?family= (fonts.googleapis.com)	1.3 KiB	300 ms

▲ Use efficient cache lifetimes — Est savings of 165 KiB

A long cache lifetime can speed up repeat visits to your page. $\underline{\text{Learn more.} } \ \overline{\text{FCP}} \ \overline{\text{LCP}}$

Request	Cache TTL	Transfer Size
openstreetmap.org		421 KiB
2046/1361.png (c.tile.openstreetmap.org)	1d 1h 20m 8s	46 KiB
2046/1362.png (a.tile.openstreetmap.org)	1d 2h 2m 39s	45 KiB

Request	Cache TTL	Transfe
		Size
2047/1361.png (a.tile.openstreetmap.org)	1d 2h 32m 58s	46 KiE
2047/1362.png (b.tile.openstreetmap.org)	1d 38m 53s	43 KiE
2045/1361.png (b.tile.openstreetmap.org)	1d 1h 48m 24s	42 KiE
2045/1362.png (c.tile.openstreetmap.org)	1d 1h 56m 31s	42 KiE
2048/1361.png (b.tile.openstreetmap.org)	1d 2h 6m 34s	42 KiE
2044/1361.png (a.tile.openstreetmap.org)	1d 30m 2s	39 KiE
2044/1362.png (b.tile.openstreetmap.org)	1d 2h 59m 5s	39 KiE
2048/1362.png (c.tile.openstreetmap.org)	1d 1h 41m 40s	37 KiE
LCP request discovery		
Optimize LCP by making the LCP image <u>discoverable</u> from the HTML	immediately, and avoiding lazy-load	ding (LCP)
fetchpriority=high should be applied		
Request is discoverable in initial document		
lazy load not applied		
Network dependency tree		
Avoid chaining critical requests by reducing the length of chains, red		
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page lo		
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page lo Maximum critical path latency: 1,604 ms		
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page lo Maximum critical path latency: 1,604 ms		
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page lo Maximum critical path latency: 1,604 ms	oad. [CP]	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page lo Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB	oad. [CP]	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB	ad. [CP] 3 ms, 65.28 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604	ms, 65.28 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m	ms, 65.28 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m	ms, 65.28 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB	ms, 65.28 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms,	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms, deps/react-leaflet.js?v=9c0f14dd (localhost)	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB ld (localhost) - 43 ms, 378.55 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 multiple in the components of t	ms, 65.28 KiB ms, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB id (localhost) - 43 ms, 378.55 KiB 9 ms, 0.53 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms, deps/react-leaflet.js?v=9c0f14dd (localhost) - 35 ms, deps/chunk-KWG5RGIP.js?v=9c0f14dd deps/leaflet.js?v=9c0f14dd (localhost) - 35	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB dd (localhost) - 43 ms, 378.55 KiB 9 ms, 0.53 KiB KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms, deps/react-leaflet.js?v=9c0f14dd (localhost) deps/leaflet.js?v=9c0f14dd (localhost) - 35 ms, 16.60 localhost) - 37 ms, 16.60 localhost) - 39 ms, 16.60 localhost) - 30 ms, 16.60 localho	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB d (localhost) - 43 ms, 378.55 KiB 9 ms, 0.53 KiB KiB 7.85 KiB	es, or
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms, deps/react-leaflet.js?v=9c0f14dd (localhost) deps/leaflet.js?v=9c0f14dd (localhost) - 32 ms, 16.60 i deps/leaflet.css (localhost) - 39 ms, 16.60 i components/Header.tsx (localhost) - 30 ms, 17	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB d (localhost) - 43 ms, 378.55 KiB 9 ms, 0.53 KiB KiB 7.85 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms, deps/react-leaflet.js?v=9c0f14dd (localhost) - 36 ms, 15 m.deps/leaflet.css (localhost) - 39 ms, 16.60 localhost) - 30 ms, 15 m.deps/lucide-react.js?v=9c0f14dd (localhost) - 30 ms, 15 m.deps/lucide-react.js?v=9c0f14dd (loca	ms, 65.28 KiB ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB id (localhost) - 43 ms, 378.55 KiB 9 ms, 0.53 KiB KiB 7.85 KiB st) - 42 ms, 941.95 KiB	
Avoid chaining critical requests by reducing the length of chains, red deferring the download of unnecessary resources to improve page low Maximum critical path latency: 1,604 ms Initial Navigation http://localhost:3000 - 19 ms, 1.33 KiB /css2?family= (fonts.googleapis.com) - 122 ms, 1.30 KiB v28/FBV2dDrhxwoff2 (fonts.gstatic.com) - 1,604 v24/tDbV2o-flwoff2 (fonts.gstatic.com) - 1,160 m v35/yMJRMIlzdwoff2 (fonts.gstatic.com) - 1,081 m dist/leaflet.css (unpkg.com) - 556 ms, 3.95 KiB /src/main.tsx (localhost) - 21 ms, 2.45 KiB /src/App.tsx (localhost) - 24 ms, 26.29 KiB components/MapView.tsx (localhost) - 33 ms, deps/react-leaflet.js?v=9c0f14dd (localhost) - 36 ms, 16.60 modes of the components/Header.tsx (localhost) - 30 ms, 17 ms, 1.84 KiB components/Header.tsx (localhost) - 30 ms, 17 ms, 1.84 KiB	ms, 65.28 KiB ns, 39.56 KiB ms, 11.52 KiB 22.92 KiB st) - 39 ms, 31.63 KiB d (localhost) - 43 ms, 378.55 KiB 9 ms, 0.53 KiB KiB 7.85 KiB st) - 42 ms, 941.95 KiB	

```
...components/ChatInput.tsx (localhost) - 33 ms, 17.06 KiB
            ...hooks/useKeyboardNavigation.ts (localhost) - 38 ms, 3.96 KiB
        ...components/ChatArea.tsx (localhost) - 32 ms, 19.71 KiB
             ...components/MessageBubble.tsx (localhost) - 38 ms, 28.91 KiB
        ...data/mockData.ts (localhost) - 35 ms, 11.88 KiB
        ...deps/framer-motion.js?v=9c0f14dd (localhost) - 35 ms, 315.25 KiB
        ...components/DebugPanel.tsx (localhost) - 34 ms, 42.39 KiB
        ...hooks/useTheme.ts (localhost) - 34 ms, 3.02 KiB
    ...deps/react-dom_client.js?v=9c0f14dd (localhost) - 23 ms, 1.41 KiB
        ...deps/chunk-BXQFRZHP.js?v=9c0f14dd (localhost) - 36 ms, 907.51 KiB
    ...deps/react.js?v=9c0f14dd (localhost) - 23 ms, 0.52 KiB
        ...deps/chunk-HWDFEQAI.js?v=9c0f14dd (localhost) - 27 ms, 76.32 KiB
        ...deps/chunk-ROME4SDB.js?v=9c0f14dd (localhost) - 27 ms, 2.04 KiB
    /src/index.css (localhost) - 25 ms, 34.76 KiB
    ...deps/react_jsx-dev-runtime.js?v=9c0f14dd (localhost) - 23 ms, 36.49 KiB
/@vite/client (localhost) - 21 ms, 84.89 KiB
    ...client/env.mjs (localhost) - 25 ms, 3.44 KiB
/@react-refresh (localhost) - 22 ms, 21.38 KiB
```

Preconnected origins

<u>preconnect</u> hints help the browser establish a connection earlier in the page load, saving time when the first request for that origin is made. The following are the origins that the page preconnected to.

Origin	Source
https://fonts.googleapis.com/	link
https://fonts.gstatic.com/	link

Preconnect candidates

Add preconnect hints to your most important origins, but try to use no more than 4.

No additional origins are good candidates for preconnecting

O Layout shift culprits

Layout shifts occur when elements move absent any user interaction. <u>Investigate the causes of layout shifts</u>, such as elements being added, removed, or their fonts changing as the page loads. <u>CLS</u>

Element	Layout shift score
Total	0.000
	0.000
h3.font-heading.text-xl.font-semibold.text-void-700.dark:text-void-300.m	
v35/yMJRMIlzdwoff2 (fonts.gstatic.com)	Web font
O LCP breakdown	^

Each <u>subpart has specific improvement strategies</u>. Ideally, most of the LCP time should be spent on loading the resources, not within delays. [LCP]

Subpart	Duration
Time to first byte	10 ms

about:blank 4/23

Subpart	Duration
Resource load delay	600 ms
Resource load duration	40 ms
Element render delay	100 ms



O 3rd parties

img.leaflet-tile.leaflet-tile-loaded

3rd party code can significantly impact load performance. Reduce and defer loading of 3rd party code to prioritize your page's content.

3rd party	Transfer size	Main thread time
fmkadmapgofadopljbjfkapdkoienihi	0 KiB	12 ms
chrome—extension://fmkadmapgofadopljbjfkapdkoienihi/build/installHook.js	0 KiB	5 ms
chrome— extension://fmkadmapgofadopljbjfkapdkoienihi/build/react_devtools_backend_co mpact.js	0 KiB	4 ms
chrome—extension://fmkadmapgofadopljbjfkapdkoienihi/build/backendManager.js	0 KiB	1 ms
chrome— extension://fmkadmapgofadopljbjfkapdkoienihi/build/prepareInjection.js	0 KiB	1 ms
chrome—extension://fmkadmapgofadopljbjfkapdkoienihi/build/proxy.js	0 KiB	0 ms
chrome- extension://fmkadmapgofadopljbjfkapdkoienihi/build/hookSettingsInjector.js	0 KiB	0 ms
chrome—extension://fmkadmapgofadopljbjfkapdkoienihi/build/fileFetcher.js	0 KiB	0 ms
Google Fonts Cdn	118 KiB	0 ms
v28/FBV2dDrhxwoff2 (fonts.gstatic.com)	65 KiB	0 ms
v24/tDbV2o-flwoff2 (fonts.gstatic.com)	40 KiB	0 ms
v35/yMJRMIlzdwoff2 (fonts.gstatic.com)	12 KiB	0 ms
/css2?family= (fonts.googleapis.com)	1 KiB	0 ms
Unpkg Cdn	4 KiB	0 ms
dist/leaflet.css (unpkg.com)	4 KiB	0 ms
openstreetmap.org	421 KiB	0 ms
2046/1361.png (c.tile.openstreetmap.org)	46 KiB	0 ms
2047/1361.png (a.tile.openstreetmap.org)	46 KiB	0 ms
2046/1362.png (a.tile.openstreetmap.org)	45 KiB	0 ms
2047/1362.png (b.tile.openstreetmap.org)	43 KiB	0 ms
2045/1361.png (b.tile.openstreetmap.org)	42 KiB	0 ms
2045/1362.png (c.tile.openstreetmap.org)	42 KiB	0 ms
2048/1361.png (b.tile.openstreetmap.org)	42 KiB	0 ms
2044/1361.png (a.tile.openstreetmap.org)	39 KiB	0 ms
2044/1362.png (b.tile.openstreetmap.org)	39 KiB	0 ms
2048/1362.png (c.tile.openstreetmap.org)	37 KiB	0 ms

These insights are also available in the Chrome DevTools Performance Panel – record a trace to view more detailed information.

▲ Minify JavaScript — Est savings of 1,100 KiB

Minifying JavaScript files can reduce payload sizes and script parse time. <u>Learn how to minify JavaScript</u>. FCP <u>LCP</u>

URL	Transfer Size	Est Saving
localhost (1st Party)	3,023.4 KiB	1,075.0 Kil
deps/chunk-BXQFRZHP.js?v=9c0f14dd (localhost)	907.2 KiB	332.5 Ki
deps/chunk-KWG5RGIP.js?v=9c0f14dd (localhost)	378.2 KiB	187.3 Ki
deps/lucide-react.js?v=9c0f14dd (localhost)	941.6 KiB	176.5 Ki
deps/framer-motion.js?v=9c0f14dd (localhost)	314.9 KiB	90.9 Ki
/@vite/client (localhost)	84.6 KiB	69.7 Ki
deps/chunk-HWDFEQAI.js?v=9c0f14dd (localhost)	76.0 KiB	31.0 Ki
components/DebugPanel.tsx (localhost)	42.1 KiB	25.1 Ki
services/mockGooglePlaces.ts (localhost)	25.9 KiB	19.8 Ki
components/MessageBubble.tsx (localhost)	28.6 KiB	18.5 Ki
/src/App.tsx (localhost)	26.0 KiB	18.4 Ki
components/MapView.tsx (localhost)	22.6 KiB	14.7 Ki
deps/react_jsx-dev-runtime.js?v=9c0f14dd (localhost)	36.2 KiB	14.0 Ki
components/ChatArea.tsx (localhost)	19.4 KiB	12.2 Ki
components/Header.tsx (localhost)	17.6 KiB	10.9 Ki
/@react-refresh (localhost)	21.1 KiB	10.9 Ki
components/ChatInput.tsx (localhost)	16.8 KiB	10.3 Ki
services/googlePlaces.ts (localhost)	12.0 KiB	9.4 Ki
data/mockData.ts (localhost)	11.6 KiB	8.0 Ki
deps/react-leaflet.js?v=9c0f14dd (localhost)	31.3 KiB	7.3 Ki
hooks/useKeyboardNavigation.ts (localhost)	3.7 KiB	2.8 Ki
client/env.mjs (localhost)	3.2 KiB	2.7 Ki
hooks/useTheme.ts (localhost)	2.7 KiB	2.0 Ki
Unattributable	57.6 KiB	24.5 Ki
chrome- extension://fmkadmapgofadopljbjfkapdkoienihi/build/react_devtools_backen d_compact.js	57.6 KiB	24.5 Ki

▲ Reduce unused JavaScript — Est savings of 919 KiB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. Learn how to reduce unused JavaScript. FCP LCP

about:blank

URL	Transfer Size	Est Savings
localhost 1st Party	1,718.5 KiB	847.8 KiB
deps/chunk-BXQFRZHP.js?v=9c0f14dd (localhost)	907.2 KiB	432.4 KiB
react-dom/cjs/react-dom.development.js	888.7 KiB	428.7 KiB
scheduler/cjs/scheduler.development.js	16.5 KiB	3.7 KiB
deps/chunk-KWG5RGIP.js?v=9c0f14dd (localhost)	378.2 KiB	186.0 KiB
map/Map.js	35.5 KiB	21.8 KiB
layer/vector/Canvas.js	10.6 KiB	10.1 KiB
control/Control.Layers.js	9.2 KiB	8.8 KiB
layer/Tooltip.js	8.0 KiB	7.4 KiB
layer/Popup.js	8.1 KiB	7.3 KiB
deps/framer-motion.js?v=9c0f14dd (localhost)	314.9 KiB	169.1 KiB
framer-motion/dist/es/projection/node/create-projection-node.mjs	38.2 KiB	31.2 KiB
framer-motion/dist/es/gestures/drag/VisualElementDragControls.mjs	13.2 KiB	12.6 KiB
framer-motion/dist/es/animation/sequence/create.mjs	5.6 KiB	5.6 KiB
framer-motion/dist/es/gestures/pan/PanSession.mjs	4.3 KiB	4.2 KiB
framer-motion/dist/es/gestures/press.mjs	4.0 KiB	3.3 KiB
deps/chunk-HWDFEQAI.js?v=9c0f14dd (localhost)	76.0 KiB	38.8 KiB
cjs/react.development.js	75.2 KiB	38.8 KiB
components/DebugPanel.tsx (localhost)	42.1 KiB	21.5 KiB
	22.0 KiB	21.1 KiB
Unattributable	104.7 KiB	70.8 KiB
<pre>chrome- extension://fmkadmapgofadopljbjfkapdkoienihi/build/react_devtools_backend_ compact.js</pre>	57.6 KiB	39.2 KiB
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/installHook.js	47.1 KiB	31.6 KiB

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

Many navigations are performed by going back to a previous page, or forwards again. The back/forward cache

(bfcache) can speed up these return navigations. <u>Learn more about the bfcache</u>

Failure reason Failure type

Pages with WebSocket cannot enter back/forward cache. Pending browser support

http://localhost:3000

Avoid enormous network payloads — Total size was 5,383 KiB

Large network payloads cost users real money and are highly correlated with long load times. <u>Learn how to reduce payload sizes</u>.

✓ Show 3rd-party resources (3)

7/23

URL Transfer Size

localhost 1st Party 4,453.3 KiB

/AlbedoBas....jpg (localhost) 1,748.8 KiB

about:blank

URL	Transfer Size
deps/lucide-react.js?v=9c0f14dd (localhost)	941.9 KiB
deps/chunk-BXQFRZHP.js?v=9c0f14dd (localhost)	907.5 KiB
deps/chunk-KWG5RGIP.js?v=9c0f14dd (localhost)	378.5 KiB
deps/framer-motion.js?v=9c0f14dd (localhost)	315.3 KiB
/@vite/client (localhost)	84.9 KiB
deps/chunk-HWDFEQAI.js?v=9c0f14dd (localhost)	76.3 KiB
openstreetmap.org	91.7 KiB
2046/1361.png (c.tile.openstreetmap.org)	46.0 KiB
2047/1361.png (a.tile.openstreetmap.org)	45.7 KiB
Google Fonts Cdn	65.3 KiB
v28/FBV2dDrhxwoff2 (fonts.gstatic.com)	65.3 KiB

○ User Timing marks and measures — 1 user timing

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. <u>Learn more about User Timing marks</u>.

Name	Туре	Start Time	Duration
v3	Mark	0.00 ms	

 $\label{thm:model} \mbox{More information about the performance of your application. These numbers don't $$\underline{\mbox{directly affect}}$$ the Performance score. $$$

PASSED AUDITS (20)

Hide

Document request latency

Your first network request is the most important. Reduce its latency by avoiding redirects, ensuring a fast server response, and enabling text compression. [FCP] [LCP]

Avoids redirects

Server responds quickly (observed 4 ms)

Applies text compression

Optimize DOM size

A large DOM can increase the duration of style calculations and layout reflows, impacting page responsiveness. A large DOM will also increase memory usage. <u>Learn how to avoid an excessive DOM size</u>.

 Statistic
 Element
 Value

 Total elements
 114

 Most children
 14

 DOM depth
 path
 13

Statistic	Element	Value
Duplicated JavaSc	cript	^
Remove large, duplic activity. FCP LCP	icate JavaScript modules from bundles to reduce unnecessary bytes consumed by network	<
Font display		^
	ont-display to swap or optional to ensure text is consistently visible. swap can be furth te layout shifts with font metric overrides.	ier
Forced reflow		^
	curs when JavaScript queries geometric properties (such as offsetWidth) after styles have ange to the DOM state. This can result in poor performance. Learn more about <u>forced reflo</u> rs.	
INP breakdown		^
Start investigating w	with the longest subpart. <u>Delays can be minimized</u> . To reduce processing duration, <u>optimized</u> often JS.	e the
Legacy JavaScript	pt	^
modern browsers. C	orms enable older browsers to use new JavaScript features. However, many aren't necessar Consider modifying your JavaScript build process to not transpile <u>Baseline</u> features, unless port older browsers. <u>Learn why most sites can deploy ES6+ code without transpiling</u> (FCP)	you
Modern HTTP		^
HTTP/2 and HTTP/3 FCP LCP	3 offer many benefits over HTTP/1.1, such as multiplexing. <u>Learn more about using modern i</u>	HTTP.
Optimize viewport	t for mobile	^
Tap interactions may	by be <u>delayed by up to 300 ms</u> if the viewport is not optimized for mobile.	
meta		
Defer offscreen im	nages	^
	ing offscreen and hidden images after all critical resources have finished loading to lower ti ow to defer offscreen images. FCP LCP	ime to
Minify CSS		^
Minifying CSS files of	can reduce network payload sizes. <u>Learn how to minify CSS</u> . <u>FCP</u> <u>LCP</u>	
Reduce unused CS	ess	^
	es from stylesheets and defer CSS not used for above-the-fold content to decrease bytes ork activity. <u>Learn how to reduce unused CSS</u> . <u>FCP</u> <u>LCP</u>	
Use HTTP/2		^
HTTP/2 offers many LCP (FCP)	y benefits over HTTP/1.1, including binary headers and multiplexing. <u>Learn more about HTTI</u>	<u>P/2</u> .
Avoid serving lega	acy JavaScript to modern browsers	^

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. Consider modifying your JavaScript build process to not transpile Baseline features, unless you know you must support legacy browsers. Learn why most sites can deploy ES6+ code without transpiling (FCP) [CCP]

JavaScript execution time - 0.1 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to reduce Javascript execution time. (TBT)

URL	Total CPU Time	Script Evaluation	Script Parse
localhost (1st Party)	267 ms	129 ms	4 ms
http://localhost:3000	165 ms	89 ms	4 ms
deps/framer-motion.js?v=9c0f14dd (localhost)	102 ms	40 ms	0 ms
Unattributable	82 ms	1 ms	0 ms
Unattributable	82 ms	1 ms	0 ms

Minimizes main-thread work - 0.4 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to minimize main-thread work [TBT]

Category	Time Spent
Other	193 ms
Script Evaluation	170 ms
Style & Layout	27 ms
Rendering	13 ms
Script Parsing & Compilation	10 ms
Parse HTML & CSS	2 ms

O Lazy load third-party resources with facades

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. <u>Learn how to defer third-parties with a facade</u>. (TBT)

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. <u>Learn more about adopting passive event listeners.</u>

Avoids document.write()

For users on slow connections, external scripts dynamically injected via document.write() can delay page load by tens of seconds. <u>Learn how to avoid document.write()</u>.

Avoid long main-thread tasks

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. <u>Learn how to avoid long main-thread tasks</u> (TBT)

about:blank 10/23



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. Low-contrast text is difficult or impossible for many users to read. Learn how to provide sufficient color contrast Failing Elements kbd.px-2.py-1.bg-void-200.dark:bg-void-700.rounded.text-xs kbd.px-2.py-1.bg-void-200.dark:bg-void-700.rounded.text-xs $kbd.px\hbox{-}2.py\hbox{-}1.bg\hbox{-}void\hbox{-}200.dark\hbox{:}bg\hbox{-}void\hbox{-}700.rounded.text\hbox{-}xs$ span.text-xs.text-void-400.font-mono textarea.w-full.p-3.rounded-lg.resize-none.bg-white.dark:bg-void-800.border.border-void-300... kbd.px-1.py-0.5.bg-void-200.dark:bg-void-700.rounded kbd.px-1.py-0.5.bg-void-200.dark:bg-void-700.rounded.ml-1 These are opportunities to improve the legibility of your content. NAVIGATION ▲ Heading elements are not in a sequentially-descending order

about:blank

navigate and understand when using assistive technologies. Learn more about heading order.

Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to

	Failing Elements	
	h3.font-heading.text-xl.font-semibold.text-void-700.dark:text-void-300.mb-2	
	e are opportunities to improve keyboard navigation in your application. ITIONAL ITEMS TO MANUALLY CHECK (10)	Hide
0	Interactive controls are keyboard focusable	^
	Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn how to make custom</u> controls focusable.	
0	Interactive elements indicate their purpose and state	^
	nteractive elements, such as links and buttons, should indicate their state and be distinguishable from non- nteractive elements. <u>Learn how to decorate interactive elements with affordance hints</u> .	
0	The page has a logical tab order	^
	Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. <u>Learn more about logical tab ordering.</u>	
0	Visual order on the page follows DOM order	^
	DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more about DOM and visual ordering.</u>	
0	User focus is not accidentally trapped in a region	^
	A user can tab into and out of any control or region without accidentally trapping their focus. <u>Learn how to avoid</u> focus traps.	
0	The user's focus is directed to new content added to the page	^
	f new content, such as a dialog, is added to the page, the user's focus is directed to it. <u>Learn how to direct focus</u> new content.	<u>to</u>
0	HTML5 landmark elements are used to improve navigation	^
	andmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive echnology. Learn more about landmark elements.</nav></main>	
0	Offscreen content is hidden from assistive technology	^
C	Offscreen content is hidden with display: none or aria-hidden=true. <u>Learn how to properly hide offscreen content</u>	
0	Custom controls have associated labels	^
	Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more about</u> custom controls and labels.	
0	Custom controls have ARIA roles	^
C	Custom interactive controls have appropriate ARIA roles. <u>Learn how to add roles to custom controls</u> .	

These items address areas which an automated testing tool cannot cover. Learn more in our guide on <u>conducting an accessibility review</u>.

PASSED AUDITS (22) Hide [aria-*] attributes match their roles Each ARIA role supports a specific subset of aria-* attributes. Mismatching these invalidates the aria-* attributes. Learn how to match ARIA attributes to their roles [aria-hidden="true"] is not present on the document <body> Assistive technologies, like screen readers, work inconsistently when aria-hidden="true" is set on the document <body>. Learn how aria-hidden affects the document body. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more about roles and required attributes. [aria-*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more about valid values for ARIA attributes. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more about valid ARIA attributes. Buttons have an accessible name When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. Learn how to make buttons more accessible. Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more about the alt attribute. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5. Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. Learn more about the viewport meta tag. ARIA attributes are used as specified for the element's role Some ARIA attributes are only allowed on an element under certain conditions. Learn more about conditional ARIA attributes. [aria-hidden="true"] elements do not contain focusable descendents Focusable descendents within an [aria-hidden="true"] element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn how aria-hidden affects focusable elements. Elements use only permitted ARIA attributes Using ARIA attributes in roles where they are prohibited can mean that important information is not communicated to users of assistive technologies. Learn more about prohibited ARIA roles [role] values are valid ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more about valid ARIA roles

about:blank

Document has a <title> element The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more about document titles. <html> element has a [lang] attribute If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. Learn more about the lang attribute <html> element has a valid value for its [lang] attribute Specifying a valid BCP 47 language helps screen readers announce text properly. Learn how to use the lang attribute Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more about form element labels. Links have a discernible name Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. Learn how to make links accessible. No element has a [tabindex] value greater than 0 A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. Learn more about the tabindex attribute. Touch targets have sufficient size and spacing. Touch targets with sufficient size and spacing help users who may have difficulty targeting small controls to activate the targets. Learn more about touch targets. Uses ARIA roles only on compatible elements Many HTML elements can only be assigned certain ARIA roles. Using ARIA roles where they are not allowed can interfere with the accessibility of the web page. Learn more about ARIA roles Deprecated ARIA roles were not used Deprecated ARIA roles may not be processed correctly by assistive technology. Learn more about deprecated ARIA Image elements do not have [alt] attributes that are redundant text. Informative elements should aim for short, descriptive alternative text. Alternative text that is exactly the same as the text adjacent to the link or image is potentially confusing for screen reader users, because the text will be read twice. Learn more about the alt attribute. Hide NOT APPLICABLE (33) [accesskey] values are unique Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Learn more about access keys. O button, link, and menuitem elements have accessible names

When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn how to make command elements more accessible</u>.

С	Elements with role="dialog" or role="alertdialog" have accessible names.	^
	ARIA dialog elements without accessible names may prevent screen readers users from discerning the purpose of these elements. <u>Learn how to make ARIA dialog elements more accessible</u> .	f
С	ARIA input fields have accessible names	^
	When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more about input field labels</u> .	
С	ARIA meter elements have accessible names	^
	When a meter element doesn't have an accessible name, screen readers announce it with a generic name, making unusable for users who rely on screen readers. <u>Learn how to name meter elements</u> .	g it
С	ARIA progressbar elements have accessible names	^
	When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name making it unusable for users who rely on screen readers. <u>Learn how to label progressbar elements</u> .	e,
С	Elements with an ARIA [role] that require children to contain a specific [role] have all required children.	^
	Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. <u>Learn more about roles and required children elements</u> .	
С	[role]s are contained by their required parent element	^
	Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. <u>Learn more about ARIA roles and required parent element</u> .	
С	Elements with the role=text attribute do not have focusable descendents.	^
	Adding role=text around a text node split by markup enables VoiceOver to treat it as one phrase, but the element's focusable descendents will not be announced. <u>Learn more about the role=text attribute</u> .	
С	ARIA toggle fields have accessible names	^
	When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more about toggle fields</u> .	
С	ARIA tooltip elements have accessible names	^
	When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, makin unusable for users who rely on screen readers. <u>Learn how to name tooltip elements</u> .	g it
С	ARIA treeitem elements have accessible names	^
	When a treeitem element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more about labeling treeitem elements</u> .	
С	The page contains a heading, skip link, or landmark region	^
	Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. <u>Learn more about bypass blocks</u> .	<u>ut</u>
С	<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.</td><td>^</td></tr><tr><td></td><td>When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Les how to structure definition lists correctly.</td><td>arn</td></tr><tr><td>С</td><td>Definition list items are wrapped in <dl> elements</td><td>^</td></tr></tbody></table></script></dd></dt></dl>	

about:blank

10/1/25, 5:12 PM

about:blank	
Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers caproperly announce them. <u>Learn how to structure definition lists correctly.</u></dl></dd></dt>	in
O ARIA IDs are unique	^
The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologic Learn how to fix duplicate ARIA IDs.	es.
No form fields have multiple labels	^
Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. <u>Learn how to use form labels</u> .	h
O <frame/> or <iframe> elements have a title</iframe>	^
Screen reader users rely on frame titles to describe the contents of frames. <u>Learn more about frame titles</u> .	
<a href="https://www.new.new.new.new.new.new.new.new.new.</td><td>^</td></tr><tr><td>If the webpage does not specify a consistent language, then the screen reader might not announce the page's tecorrectly. <u>Learn more about the lang attribute</u>.</td><td>xt</td></tr><tr><td>O Input buttons have discernible text.</td><td>^</td></tr><tr><td>Adding discernable and accessible text to input buttons may help screen reader users understand the purpose of the input button. <u>Learn more about input buttons</u>.</td><td>ŕ</td></tr><tr><td>O <input type=" image"=""> elements have [alt] text	^
When an image is being used as an <input/> button, providing alternative text can help screen reader users understand the purpose of the button. Learn about input image alt text.	
Links are distinguishable without relying on color.	^
Low-contrast text is difficult or impossible for many users to read. Link text that is discernible improves the experience for users with low vision. Learn how to make links distinguishable.	
O Lists contain only elements and script supporting elements (<script> and <template>).</td><td>^</td></tr><tr><td>Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn more about proper list structure.</u></td><td></td></tr><tr><td>O List items () are contained within , or <menu> parent elements</td><td>^</td></tr><tr><td>Screen readers require list items () to be contained within a parent , or <menu> to be announced properly. Learn more about proper list structure.</td><td></td></tr><tr><td>The document does not use <meta http-equiv="refresh"></td><td>^</td></tr><tr><td>Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. The may create a frustrating or confusing experience. Learn more about the refresh meta tag.</td><td>nis</td></tr></tbody></table></script>	

O <object> elements have alternate text

Screen readers cannot translate non-text content. Adding alternate text to <object> elements helps screen readers convey meaning to users. Learn more about alt text for object elements.

O Select elements have associated label elements.

Form elements without effective labels can create frustrating experiences for screen reader users. <u>Learn more about</u> the select element.

O Skip links are focusable.

about:blank 16/23

Including a skip link can help users skip to the main content to save time. Learn more about skip links.

O Tables have different content in the summary attribute and <caption>.

The summary attribute should describe the table structure, while <caption> should have the onscreen title. Accurate table mark-up helps users of screen readers. <u>Learn more about summary and caption</u>.

O Cells in a element that use the [headers] attribute refer to table cells within the same table.

Screen readers have features to make navigating tables easier. Ensuring cells using the [headers] attribute only refer to other cells in the same table may improve the experience for screen reader users. Learn more about the headers attribute.

elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. <u>Learn more about table headers</u>.

O [lang] attributes have a valid value

Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn how to use the lang attribute</u>.

<video> elements contain a <track> element with [kind="captions"]

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. <u>Learn more about video captions</u>.



Best Practices

USER EXPERIENCE

▲ Serves images with low resolution

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. <u>Learn how to provide responsive images</u>.

	URL	Displayed size	Actual size	Expected size
openstreetmap.org				
img.leaflet-tile.leaflet-tile-loaded	2044/1361.png (a.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 512
img,leaflet-tile.leaflet-tile-loaded	2046/1362.png (a.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 512

about:blank 17/23

	about:blank			
	URL	Displayed size	Actual size	Expected size
img.leaflet-tile.leaflet-tile-loaded	2047/1361.png (a.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 512
img.leaflet-tile.leaflet-tile-loaded	2044/1362.png (b.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 512
img.leaflet-tile.leaflet-tile-loaded	2045/1361.png (b.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 51
img.leaflet-tile.leaflet-tile-loaded	2047/1362.png (b.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 51
img.leaflet-tile.leaflet-tile-loaded	2048/1361.png (b.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 51
img.leaflet-tile.leaflet-tile-loaded	2045/1362.png (c.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 51
img.leaflet-tile.leaflet-tile-loaded	2046/1361.png (c.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 51
img.leaflet-tile.leaflet-tile-loaded	2048/1362.png (c.tile.openstreetmap.org)	256 x 256	256 x 256	512 x 51

TRUST AND SAFETY

Ensure CSP is effective against XSS attacks

A strong Content Security Policy (CSP) significantly reduces the risk of cross-site scripting (XSS) attacks. <u>Learn how to use a CSP to prevent XSS</u>

about:blank

	Description	Directive	Severity
	No CSP found in enforcement mode		High
0	Use a strong HSTS policy		^
ć	Deployment of the HSTS header significantly reduces the attacks. A rollout in stages, starting with a low max-ago bolicy.		
	Description	Directive	Severity
	No HSTS header found		High
0	Ensure proper origin isolation with COOP		^
	The Cross-Origin-Opener-Policy (COOP) can be used to pop-ups. Learn more about deploying the COOP heads		w from other documents such as
	Description	Directive	Severity
	No COOP header found		High
0	Mitigate clickjacking with XFO or CSP		^
ŀ	The X-Frame-Options (XFO) header or the frame-armeader control where a page can be embedded. These from embedding the page. Learn more about mitigating	can mitigate clickjacking atta	
	Description		Severity
	Description No frame control policy found		Severity
0			
-	No frame control policy found		High ^CSP) header instructs user
-	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur		High ^CSP) header instructs user
-	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur Trusted Types.	nctions. <u>Learn more about mit</u>	High CSP) header instructs user igating DOM-based XSS with
-	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Control to Control the data passed to DOM XSS sink fur trusted Types. Description	nctions. <u>Learn more about mit</u>	High CSP) header instructs user igating DOM-based XSS with Severity
-	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur Trusted Types. Description No 'Content-Security-Policy' header with Trusted T	nctions. <u>Learn more about mit</u>	High CSP) header instructs user igating DOM-based XSS with Severity
GEN	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur frusted Types. Description No 'Content-Security-Policy' header with Trusted T	nctions. <u>Learn more about mit</u>	High CSP) header instructs user igating DOM-based XSS with Severity High
GEN	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur frusted Types. Description No 'Content-Security-Policy' header with Trusted T ERAL Detected JavaScript libraries	nctions. <u>Learn more about mit</u>	High CSP) header instructs user igating DOM-based XSS with Severity High
GEN	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur Trusted Types. Description No 'Content-Security-Policy' header with Trusted T ERAL Detected JavaScript libraries All front-end JavaScript libraries detected on the page audit.	ypes directive found Learn more about this JavaS	High CSP) header instructs user igating DOM-based XSS with Severity High
GEN	No frame control policy found Mitigate DOM-based XSS with Trusted Types The require-trusted-types-for directive in the Coagents to control the data passed to DOM XSS sink fur frusted Types. Description No 'Content-Security-Policy' header with Trusted T ERAL Detected JavaScript libraries All front-end JavaScript libraries detected on the page audit. Name	ypes directive found Learn more about this JavaS Version	High CSP) header instructs user igating DOM-based XSS with Severity High

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. <u>Learn more about HTTPS</u>.

Avoids deprecated APIs Deprecated APIs will eventually be removed from the browser. Learn more about deprecated APIs. Avoids third-party cookies Third-party cookies may be blocked in some contexts. Learn more about preparing for third-party cookie restrictions. Allows users to paste into input fields Preventing input pasting is a bad practice for the UX, and weakens security by blocking password managers. Learn more about user-friendly input fields. Avoids requesting the geolocation permission on page load Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. Learn more about the geolocation permission Avoids requesting the notification permission on page load Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. Learn more about responsibly getting permission for notifications. Displays images with correct aspect ratio Image display dimensions should match natural aspect ratio. Learn more about image aspect ratio. Has a <meta name="viewport"> tag with width or initial-scale A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag. Page has the HTML doctype Specifying a doctype prevents the browser from switching to quirks-mode. Learn more about the doctype declaration. Properly defines charset A character encoding declaration is required. It can be done with a <meta> tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. Learn more about declaring the character encoding. No browser errors logged to the console Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. Learn more about this errors in console diagnostic audit No issues in the Issues panel in Chrome Devtools Issues logged to the Issues panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue. Page has valid source maps Source maps translate minified code to the original source code. This helps developers debug in production. In

about:blank

benefits. Learn more about source maps.

addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these

URL Unattributable	Map URL
Unattributable	
chrome— extension://fmkadmapgofadopljbjfkapdkoienihi/buil d/react_devtools_backend_compact.js	<pre>chrome- extension://fmkadmapgofadopljbjfkapdkoienihi/buil /react_devtools_backend_compact.js.map</pre>
Error: Failed fetching source map (null)	
chrome— extension://fmkadmapgofadopljbjfkapdkoienihi/buil d/installHook.js	<pre>chrome- extension://fmkadmapgofadopljbjfkapdkoienihi/buil /installHook.js.map</pre>
Error: Failed fetching source map (null)	
localhost (1st Party)	
utils/index.ts (localhost)	
services/mockGooglePlaces.ts (localhost)	
services/googlePlaces.ts (localhost)	
/src/main.tsx (localhost)	
hooks/useTheme.ts (localhost)	
hooks/useKeyboardNavigation.ts (localhost)	
data/mockData.ts (localhost)	
components/MessageBubble.tsx (localhost)	
components/MapView.tsx (localhost)	
components/Header.tsx (localhost)	
components/DebugPanel.tsx (localhost)	
components/ChatInput.tsx (localhost)	
components/ChatArea.tsx (localhost)	
/src/App.tsx (localhost)	
client/env.mjs (localhost)	
deps/react.js?v=9c0f14dd (localhost)	deps/react.js.map (localhost)
deps/react-leaflet.js?v=9c0f14dd (localhost)	deps/react-leaflet.js.map (localhost)
deps/react-dom_client.js?v=9c0f14dd (localhost)	deps/react-dom_client.js.map (localhost)
deps/react_jsx-dev-runtime.js? v=9c0f14dd (localhost)	deps/react_jsx-dev-runtime.js.map (localhost)
deps/lucide-react.js?v=9c0f14dd (localhost)	deps/lucide-react.js.map (localhost)
deps/leaflet.js?v=9c0f14dd (localhost)	deps/leaflet.js.map (localhost)
deps/framer-motion.js?v=9c0f14dd (localhost)	deps/framer-motion.js.map (localhost)
deps/clsx.js?v=9c0f14dd (localhost)	deps/clsx.js.map (localhost)

URL	Map URL
deps/chunk-KWG5RGIP.js?v=9c0f14dd (localhost)	deps/chunk-KWG5RGIP.js.map (localhost)
deps/chunk-HWDFEQAI.js?v=9c0f14dd (localhost)	deps/chunk-HWDFEQAl.js.map (localhost)
deps/chunk-BXQFRZHP.js?v=9c0f14dd (localhost)	deps/chunk-BXQFRZHP.js.map (localhost)
/@vite/client (localhost)	

NOT APPLICABLE (2)	Hide
Redirects HTTP traffic to HTTPS	^
Make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. <u>Le more</u> .	<u>arn</u>
O Document uses legible font sizes	^
Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read Strive to have >60% of page text ≥12px. Learn more about legible font sizes.	i.



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

Meta descriptions may be included in search results to concisely summarize page content. Learn more about the meta description.

Format your HTML in a way that enables crawlers to better understand your app's content.

ADDITIONAL ITEMS TO MANUALLY CHECK (1) Hide

Structured data is valid

Run the Structured Data Testing Tool and the Structured Data Linter to validate structured data. Learn more about Structured Data.

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

PASSED AUDITS (7) Hide

Page isn't blocked from indexing

Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more about crawler directives.

about:blank 22/23

a page is relevant to their search. Learn more about document titles. Page has successful HTTP status code Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more about HTTP status codes. Links have descriptive text Descriptive link text helps search engines understand your content. Learn how to make links more accessible. Links are crawlable Search engines may use href attributes on links to crawl websites. Ensure that the href attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. Learn how to make links <u>crawlable</u> Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more about the alt attribute</u>. Document has a valid hreflang hreflang links tell search engines what version of a page they should list in search results for a given language or region. Learn more about hreflang. NOT APPLICABLE (2) Hide robots.txt is valid If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. Learn more about robots.txt. Document has a valid rel=canonical Canonical links suggest which URL to show in search results. Learn more about canonical links. Captured at Oct 1, 2025, 5:11 **Emulated Desktop with** Single page session PM EDT Lighthouse 12.8.2 Initial page load Custom throttling Using Chromium 142.0.0.0 with devtools

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if

Generated by Lighthouse 12.8.2 | File an issue

about:blank 23/23