

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.



Performance

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

▲ 0–49 50–89 90–100

The screenshot shows the Doulab website. At the top, there's a navigation bar with links like Home, What we do, Case Studies, Insights, and about. Below the navigation, there's a section titled "Innovation, Foresight and Repeatable Delivery" featuring a sub-section "Innovation, architecture, foresight, and coaching to shape tomorrow." It includes a "Start your free trial" button and a "Get your baseline in 10 to 20 minutes" button. To the right, there's a grid of images showing people in professional settings. Below this, there's a section titled "The Problem" with a note: "Innovation, foresight and foresight are hard until you make them a repeatable process. Below are common patterns we find." At the bottom of the screenshot, there are footer links for Contact, LinkedIn, and GitHub.

METRICS

Expand view

First Contentful Paint

0.4 s

Largest Contentful Paint

0.5 s

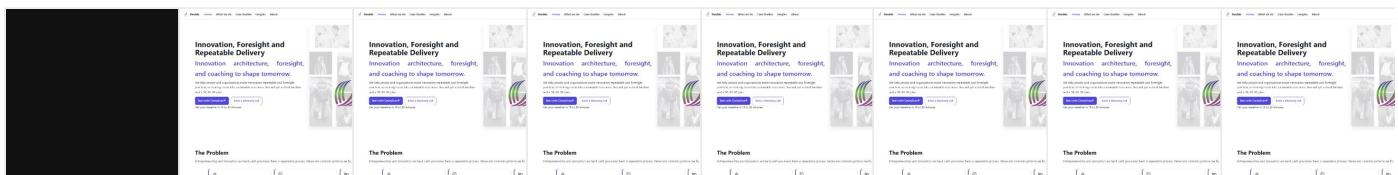
▲ Total Blocking Time

1,150 ms

Cumulative Layout Shift

0

Speed Index

0.8 s

Show audits relevant to: All FCP LCP TBT CLS

INSIGHTS

▲ Render blocking requests — Est savings of 80 ms

^

Requests are blocking the page's initial render, which may delay LCP. [Deferring or inlining](#) can move these network requests out of the critical path. [FCP](#) [LCP](#) [Unscored](#)

URL	Transfer Size	Duration
doulab.net 1st Party	19.8 KiB	90 ms
...css/styles.619d50ef.css (www.doulab.net)	19.8 KiB	90 ms

▲ Network dependency tree

^

[Avoid chaining critical requests](#) by reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. [LCP](#) [Unscored](#)

Maximum critical path latency: **386 ms***Initial Navigation*[https://www.doulab.net - 313 ms, 11.77 KiB](https://www.doulab.net)...css/styles.619d50ef.css (www.doulab.net) - **386 ms, 19.81 KiB**...cloudflare-static/email-decode.min.js (www.doulab.net) - **377 ms, 0.99 KiB**

Preconnected origins

[preconnect](#) 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.

no origins were preconnected

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

Use efficient cache lifetimes — [Est savings of 8 KiB](#)



A long cache lifetime can speed up repeat visits to your page. [Learn more about caching](#). FCP LCP Unscored

Request	Cache TTL	Transfer Size
doulab.net 1st Party		11 KiB
...d251aa49a8a3/main.js (www.doulab.net)	4h	10 KiB
...cloudflare-static/email-decode.min.js (www.doulab.net)	47m 54s	1 KiB

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. [Learn how to avoid an excessive DOM size](#). Unscored

Statistic	Element	Value
Total elements		490
DOM depth		11
Most children		8

LCP breakdown



Each [subpart has specific improvement strategies](#). Ideally, most of the LCP time should be spent on loading the resources, not within delays. [LCP](#) [Unscored](#)

Subpart	Duration
Time to first byte	100 ms
Resource load delay	80 ms
Resource load duration	170 ms
Element render delay	220 ms



3rd parties



3rd party code can significantly impact load performance. [Reduce and defer loading of 3rd party code](#) to prioritize your page's content. [Unscored](#)

3rd party	Transfer size	Main thread time
iidnbdjijdkbmajdffnidomddgelmieko	0 KiB	760 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/ai-chat.js	0 KiB	459 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/detect-editors.js	0 KiB	297 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/quillbot-content.js	0 KiB	4 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/executor.js	0 KiB	0 ms
pioclpoplcdbaefihamjohnnefbikjilc	0 KiB	234 ms
chrome-extension://pioclpoplcdbaefihamjohnnefbikjilc/content.js	0 KiB	98 ms
chrome-extension://pioclpoplcdbaefihamjohnnefbikjilc/commons.js	0 KiB	86 ms
chrome-extension://pioclpoplcdbaefihamjohnnefbikjilc/ContentScriptFrames.js	0 KiB	50 ms
kbfnbcaeplbcioakkpcpgfkobkghlhen	0 KiB	70 ms
chrome-extension://kbfnbcaeplbcioakkpcpgfkobkghlhen/src/js/Grammarly-check.js	0 KiB	69 ms
chrome-extension://kbfnbcaeplbcioakkpcpgfkobkghlhen/src/js/Grammarly-check.styles.js	0 KiB	1 ms
cmplbmppmfboedgkkelpkfgaakabpicn	0 KiB	38 ms
chrome-extension://cmplbmppmfboedgkkelpkfgaakabpicn/src/inject/main.js	0 KiB	38 ms
ohfgljdgelakfkeopgkcohadegdpjf	0 KiB	37 ms

3rd party	Transfer size	Main thread time
chrome-extension://ohfgljdgelakfkefopgklcohadegdpjf/static/js/content.js	0 KiB	37 ms
efaidnbmnnnibpcajpcglclefindmkaj	0 KiB	34 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/libs/jquery-3.1.1.min.js	0 KiB	15 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/prompts>ShowOneChild.js	0 KiB	4 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/content-script-utils.js	0 KiB	2 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/ch-content-script.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/injectAIMarker.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/FABManager.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/embeddedpdfs/embedded-pdf-touch-point.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/ch-content-script-dend.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/express_whatsapp/whatsappapp-express-fte.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/gdocs/google-docs-fte.js	0 KiB	1 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/google-image-preview/google-image-preview-express-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/express_chatgpt/chatgpt-express-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/GenAIWebpageEligibilityService.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/content-script-idle.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/embeddedpdfs/EmbeddedPDFTouchPointCoachMark.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/ActionableCoachmark.js	0 KiB	0 ms

3rd party	Transfer size	Main thread time
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/embeddedpdfs/embedded-pdf-touch-point-event-listener.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/browser/js/ch-settings.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/gmail/gmail-image-tools-dropdown-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/outlook/outlook-express-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/gmail/gmail-express-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/linkedin/linkedin-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/AttributionManager.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/outlook/outlook-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/gdrive/gdrive-express-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/gmail/fte/gmail-convert-to-pdf-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/injectBannerIframe.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/gmail/GmailAcrobatFteCoachmark.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/gmail/gmail-compress-pdf-fte.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/addWebpage/KWEligibilityService.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/Viewport.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/extract-webpage-html.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/content-util.js	0 KiB	0 ms

Transfer**size****Main thread****time****3rd party**

chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/AnimateCannedQuestions.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/SidePanel/GenAIWebpageBlockList.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/gdrive/GDriveAcrobatFteCoachmark.js	0 KiB	0 ms
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/content_scripts/express/express-fte.js	0 KiB	0 ms
aebldkhhcdjplfjhbdiojplfjncoa	0 KiB	24 ms
chrome-extension://aebldkhhcdjplfjhbdiojplfjncoa/inline/injected/webauthn.js	0 KiB	14 ms
chrome-extension://aebldkhhcdjplfjhbdiojplfjncoa/inline/injected.js	0 KiB	5 ms
chrome-extension://aebldkhhcdjplfjhbdiojplfjncoa/inline/injected/webauthn-listeners.js	0 KiB	3 ms
chrome-extension://aebldkhhcdjplfjhbdiojplfjncoa/inline/inject-content-scripts.js	0 KiB	2 ms
fmkadmapgofadopljbjfkapdkoienihi	0 KiB	24 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/installHook.js	0 KiB	12 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/react_devtools_backend_compact.js	0 KiB	6 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/backendManager.js	0 KiB	2 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/proxy.js	0 KiB	2 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/prepareInjection.js	0 KiB	1 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/hookSettingsInjector.js	0 KiB	1 ms
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/fileFetcher.js	0 KiB	0 ms
npclhbddhklpbna cpjl oidi baggcgon	0 KiB	2 ms
chrome-extension://npclhbddhklpbna cpjl oidi baggcgon/content.js	0 KiB	2 ms
chrome-extension://npclhbddhklpbna cpjl oidi baggcgon/events.js	0 KiB	1 ms
aabcgdmkeabbnleenpncegpcngjpnjkc	0 KiB	0 ms
chrome-extension://aabcgdmkeabbnleenpncegpcngjpnjkc/scripts/keypress.js	0 KiB	0 ms

These insights are also available in the Chrome DevTools Performance Panel - [record a trace](#) to view more detailed information.

DIAGNOSTICS

▲ Minimize main-thread work — 2.5 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 Unscored

Category	Time Spent
Script Evaluation	1,177 ms
Script Parsing & Compilation	743 ms
Other	367 ms
Style & Layout	98 ms
Parse HTML & CSS	83 ms
Garbage Collection	25 ms
Rendering	14 ms

▲ Reduce JavaScript execution time — 1.8 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 Unscored

Show 3rd-party resources (3)

URL	Total CPU Time	Script Evaluation	Script Parse
QuillBot: AI Writing and Grammar Checker Tool <small>Chrome Extension</small>	1,259 ms	644 ms	457 ms
chrome-extension://iiddnbijjdkbmajdffnidomddgelmieko/quillbot-content.js	480 ms	333 ms	6 ms
chrome-extension://iiddnbijjdkbmajdffnidomddgelmieko/ai-chat.js	472 ms	220 ms	241 ms
chrome-extension://iiddnbijjdkbmajdffnidomddgelmieko/detect-editors.js	308 ms	91 ms	211 ms
doulab.net <small>1st Party</small>	570 ms	262 ms	56 ms
https://www.doulab.net	380 ms	117 ms	45 ms
...js/main.cb960fe9.js (www.doulab.net)	111 ms	89 ms	7 ms

URL	Total CPU Time	Script Evaluation	Script Parse
...jsd/main.js (www.doulab.net)	79 ms	55 ms	4 ms
Unattributable	526 ms	206 ms	169 ms
Unattributable	182 ms	60 ms	0 ms
chrome-extension://pioclpolcdbaefihamjohnefbikjilc/content.js	99 ms	70 ms	29 ms
chrome-extension://kbfnbcaeplbcioakkpcpgfkobkgħħen/src/js/Grammarly-check.js	95 ms	57 ms	23 ms
chrome-extension://pioclpolcdbaefihamjohnefbikjilc/commons.js	89 ms	1 ms	85 ms
chrome-extension://pioclpolcdbaefihamjohnefbikjilc/ContentScriptFrames.js	61 ms	18 ms	32 ms

▲ 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. [Learn more about the bfcache](#) Unscored

Failure reason	Failure type
The page has an unload handler in a sub frame.	Actionable
about:blank	

Image elements do not have explicit `width` and `height` ^

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. [Learn how to set image dimensions](#) CLS Unscored

URL
doulab.net 1st Party



/img/logo.svg (www.doulab.net)

img.themedComponent_mlkZ.themedComponent--light_NVdE

Minify JavaScript — Est savings of 45 KiB ^

Minifying JavaScript files can reduce payload sizes and script parse time. [Learn how to minify JavaScript.](#) FCP LCP Unscored

URL	Transfer Size	Est Savings
Adobe Acrobat: PDF edit, convert, sign tools Chrome Extension	91.8 KiB	45.5 KiB
chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/libs/readability.js	91.8 KiB	45.5 KiB

Reduce unused CSS — Est savings of 18 KiB ^

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. [Learn how to reduce unused CSS.](#) FCP LCP Unscored

URL	Transfer Size	Est Savings
/* Copyright 2014-present Evernote Corporation. All rights reserved. */ @font-face { font-family...	18.1 KiB	18.1 KiB

Reduce unused JavaScript — Est savings of 11,177 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 Unscored

Show 3rd-party resources (7)

URL	Transfer Size	Est Savings
QuillBot: AI Writing and Grammar Checker Tool Chrome Extension	12,633.7 KiB	9,091.5 KiB
chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/quillbot-content.js	8,741.1 KiB	6,235.7 KiB

URL	Transfer Size	Est Savings
chrome-extension://iidnbdfijdkbmajdffnidomddglmieko/ai-chat.js	2,284.3 KiB	1,611.4 KiB
chrome-extension://iidnbdfijdkbmajdffnidomddglmieko/detect-editors.js	804.1 KiB	622.3 KiB
chrome-extension://iidnbdfijdkbmajdffnidomddglmieko/detect-editors.js	804.1 KiB	622.1 KiB
Unattributable	2,267.1 KiB	1,265.8 KiB
chrome-extension://pioclpoplcdbaefihamjohnefbikjilc/commons.js	829.4 KiB	608.8 KiB
chrome-extension://ohfgljdgelakfkefopgkcohadegdpjf/static/js/content.js	339.3 KiB	311.9 KiB
chrome-extension://pioclpoplcdbaefihamjohnefbikjilc/ContentScriptFrames.js	352.8 KiB	85.8 KiB
chrome-extension://cmplbmpmfboidgkkelpkfgaakabpicn/src/inject/main.js	204.9 KiB	71.6 KiB
chrome-extension://kbfnbcaplebcioakkpcpgfkobkgihen/src/js/Grammarly-check.js	106.0 KiB	57.9 KiB
chrome-extension://kbfnbcaplebcioakkpcpgfkobkgihen/src/js/Grammarly-check.js	106.0 KiB	57.7 KiB
chrome-extension://fmkadmapgofadoplbjbfkapdkoienihi/build/installHook.js	57.6 KiB	39.3 KiB
chrome-extension://pioclpoplcdbaefihamjohnefbikjilc/content.js	271.0 KiB	32.8 KiB
1Password – Password Manager Chrome Extension	1,236.8 KiB	682.9 KiB
chrome-extension://aeblfdkhhdcdjpifhhbdiojplfjncoa/inline/injected.js	1,236.8 KiB	682.9 KiB
Adobe Acrobat: PDF edit, convert, sign tools Chrome Extension	119.7 KiB	91.9 KiB
chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/libs/readability.js	91.8 KiB	71.3 KiB
...Readability.js	81.7 KiB	65.8 KiB
...Readability-readerable.js	3.6 KiB	0.5 KiB
chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/libs/jquery-3.1.1.min.js	27.9 KiB	20.6 KiB
doulab.net 1st Party	131.2 KiB	45.3 KiB
...js/main.cb960fe9.js (www.doulab.net)	131.2 KiB	45.3 KiB

○ Avoid long main-thread tasks — 10 long tasks found ^

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. [Learn how to avoid long](#)

[main-thread tasks](#) TBT Unscored Show 3rd-party resources (4)

URL	Start Time	Duration
QuillBot: AI Writing and Grammar Checker Tool Chrome Extension		1,211 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/ai-chat.js	913 ms	467 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/quillbot-content.js	1,805 ms	446 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/detect-editors.js	451 ms	176 ms
chrome-extension://iidnbdjijdkbmajdffnidomddgelmieko/detect-editors.js	791 ms	122 ms
Unattributable		300 ms
chrome-extension://pioclpoplcdbaefihamjohnefbikjilc/commons.js	1,447 ms	187 ms
chrome-extension://pioclpoplcdbaefihamjohnefbikjilc/ContentScriptFrames.js	1,634 ms	61 ms
Unattributable	1,734 ms	52 ms
doulab.net 1st Party		225 ms
https://www.doulab.net	234 ms	116 ms
...cloudflare-static/email-decode.min.js (www.doulab.net)	394 ms	57 ms
...js/runtime~main.872ca3fd.js (www.doulab.net)	666 ms	52 ms

>User Timing marks and measures — 9 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. [Learn more about User Timing marks.](#) Unscored

Name	Type	Start Time	Duration
invoke-has-pre-registration-flag	Measure	2,033.37 ms	66.93 ms
invoke-page-ready	Measure	2,099.03 ms	23.94 ms
_v3	Mark	0.00 ms	
@grammarly-extension:checkScriptInitStart	Mark	746.44 ms	

Name	Type	Start Time	Duration
@grammarly-extension:checkScriptInitEnd	Mark	822.77 ms	
@grammarly-extension:checkScriptInitStart	Mark	1,564.20 ms	
@grammarly-extension:checkScriptInitEnd	Mark	1,981.86 ms	
start-invoke-has-pre-registration-flag	Mark	2,033.37 ms	
start-invoke-page-ready	Mark	2,099.03 ms	

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

PASSED AUDITS (14)

Hide

Layout shift culprits

^

Layout shifts occur when elements move absent any user interaction. [Investigate the causes of layout shifts](#), such as elements being added, removed, or their fonts changing as the page loads. CLS Unscored

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 Unscored

Avoids redirects

Server responds quickly (observed 82 ms)

Applies text compression

Duplicated JavaScript

^

Remove large, [duplicate JavaScript modules](#) from bundles to reduce unnecessary bytes consumed by network activity. FCP LCP Unscored

Font display

^

Consider setting [font-display](#) to swap or optional to ensure text is consistently visible. swap can be further optimized to mitigate layout shifts with [font metric overrides](#). Unscored

Forced reflow

^

A forced reflow occurs when JavaScript queries geometric properties (such as `offsetWidth`) after styles have been invalidated by a change to the DOM state. This can result in poor performance. Learn more about [forced reflows](#) and possible mitigations. Unscored

Improve image delivery ^

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

○ INP breakdown ^

Start investigating [how to improve INP](#) by looking at the longest subpart. Unscored

LCP request discovery ^

[Optimize LCP](#) by making the LCP image discoverable from the HTML immediately, and avoiding lazy-loading LCP Unscored

`fetchpriority=high` applied

Request is discoverable in initial document

lazy load not applied



Legacy JavaScript ^

Polyfills and transforms enable older 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 older browsers. [Learn why most sites can deploy ES6+ code without transpiling](#) FCP LCP Unscored

Modern HTTP ^

HTTP/2 and HTTP/3 offer many benefits over HTTP/1.1, such as multiplexing. [Learn more about using modern HTTP](#). FCP LCP Unscored

Optimize viewport for mobile ^

Tap interactions may be [delayed by up to 300 ms](#) if the viewport is not optimized for mobile. Unscored

Minify CSS

Minifying CSS files can reduce network payload sizes. [Learn how to minify CSS](#). FCP LCP Unscored

Avoids enormous network payloads — Total size was 243 KiB

Large network payloads cost users real money and are highly correlated with long load times. [Learn how to reduce payload sizes](#). Unscored

URL	Transfer Size
doulab.net 1st Party	237.3 KiB
...js/main.cb960fe9.js (www.doulab.net)	132.1 KiB
/blog/rss.xml (www.doulab.net)	20.7 KiB
...css/styles.619d50ef.css (www.doulab.net)	19.8 KiB
/img/people-collage.avif (www.doulab.net)	15.0 KiB
https://www.doulab.net	11.8 KiB
...js/1df93b7f.34771da5.js (www.doulab.net)	11.2 KiB
...d251aa49a8a3/main.js (www.doulab.net)	9.8 KiB
/img/logo.svg (www.doulab.net)	7.9 KiB
...js/runtime~main.872ca3fd.js (www.doulab.net)	5.0 KiB
/img/favicon.ico (www.doulab.net)	4.1 KiB

○ Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. [Learn how to avoid non-composited animations](#) CLS Unscored



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.

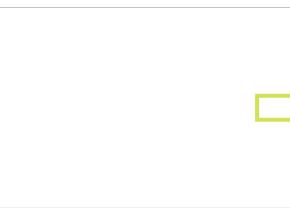
CONTRAST

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

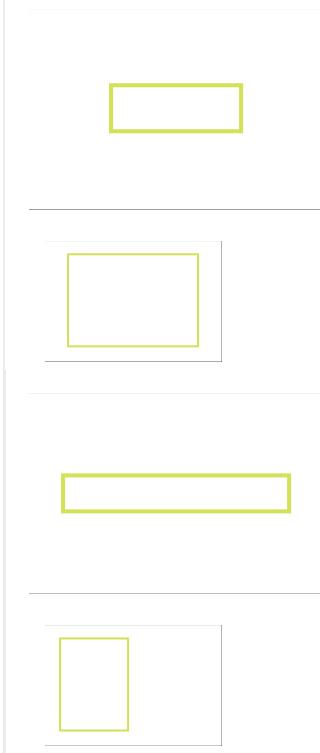


Low-contrast text is difficult or impossible for many users to read. [Learn how to provide sufficient color contrast](#).

Failing Elements



Failing Elements

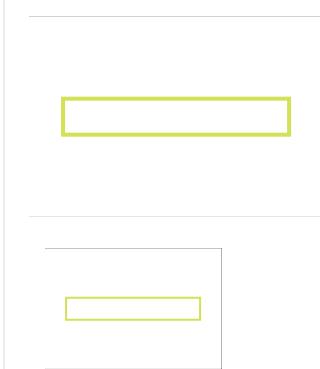


- ▲ Links rely on color to be distinguishable.

^

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.](#)

Failing Elements



These are opportunities to improve the legibility of your content.

BEST PRACTICES

- Identical links have the same purpose.

^

Links with the same destination should have the same description, to help users understand the link's purpose and decide whether to follow it. [Learn more about identical links](#). Unscored

Failing Elements



These items highlight common accessibility best practices.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

- Interactive controls are keyboard focusable

^

Custom interactive controls are keyboard focusable and display a focus indicator. [Learn how to make custom controls focusable](#). Unscored

- Interactive elements indicate their purpose and state

^

Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. [Learn how to decorate interactive elements with affordance hints](#). Unscored

- The page has a logical tab order

^

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. [Learn more about logical tab ordering](#). Unscored

- Visual order on the page follows DOM order

^

DOM order matches the visual order, improving navigation for assistive technology. [Learn more about DOM and visual ordering](#). Unscored

- 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. [Learn how to avoid focus traps.](#) Unscored

-
- The user's focus is directed to new content added to the page

^

If new content, such as a dialog, is added to the page, the user's focus is directed to it. [Learn how to direct focus to new content.](#) Unscored

-
- HTML5 landmark elements are used to improve navigation

^

Landmark elements (`<main>`, `<nav>`, etc.) are used to improve the keyboard navigation of the page for assistive technology. [Learn more about landmark elements.](#) Unscored

-
- Offscreen content is hidden from assistive technology

^

Offscreen content is hidden with `display: none` or `aria-hidden=true`. [Learn how to properly hide offscreen content.](#) Unscored

-
- Custom controls have associated labels

^

Custom interactive controls have associated labels, provided by `aria-label` or `aria-labelledby`. [Learn more about custom controls and labels.](#) Unscored

-
- Custom controls have ARIA roles

^

Custom interactive controls have appropriate ARIA roles. [Learn how to add roles to custom controls.](#) Unscored

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review.](#)

PASSED AUDITS (23)

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.](#)

[role] values are valid ^

ARIA roles must have valid values in order to perform their intended accessibility functions. [Learn more about valid ARIA roles.](#)

[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 descendants ^

Focusable descendants 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.](#)

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.](#)

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.](#)

Lists contain only `` elements and script supporting elements (`<script>` and `<template>`).



Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. [Learn more about proper list structure.](#)

List items (``) are contained within ``, `` or `<menu>` parent elements



Screen readers require list items (``) to be contained within a parent ``, `` or `<menu>` to be announced properly. [Learn more about proper list structure.](#)

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.](#)

Heading elements appear in a sequentially-descending order



Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. [Learn more about heading order.](#)

Document has a main landmark.



One main landmark helps screen reader users navigate a web page. [Learn more about landmarks.](#)

Deprecated ARIA roles were not used



Deprecated ARIA roles may not be processed correctly by assistive technology. [Learn more about deprecated ARIA roles.](#)

NOT APPLICABLE (34)

Hide

[\[accesskey\] 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.](#) Unscored

[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. [Learn how to make command elements more accessible.](#) Unscored

[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. [Learn how to make ARIA dialog elements more accessible.](#) Unscored

[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. [Learn more about input field labels.](#) Unscored

[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 it unusable for users who rely on screen readers. [Learn how to name meter elements.](#) Unscored

[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

unable for users who rely on screen readers. [Learn how to label progressbar elements.](#) [Unscored]

- 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. [Learn more about roles and required children elements.](#) [Unscored]

- `[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. [Learn more about ARIA roles and required parent element.](#) [Unscored]

- Elements with the `role=text` attribute do not have focusable descendants. ^

Adding `role=text` around a text node split by markup enables VoiceOver to treat it as one phrase, but the element's focusable descendants will not be announced. [Learn more about the `role=text` attribute.](#) [Unscored]

- 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. [Learn more about toggle fields.](#) [Unscored]

- ARIA `tooltip` elements have accessible names ^

When a tooltip 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. [Learn how to name tooltip elements.](#) [Unscored]

- 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. [Learn more about labeling treeitem elements.](#) [Unscored]

- The page contains a heading, skip link, or landmark region ^

Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. [Learn more about bypass blocks.](#) [Unscored]

- `<dl>`'s contain only properly-ordered `<dt>` and `<dd>` groups, `<script>`, `<template>` or `<div>` elements. ^

When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. [Learn how to structure definition lists correctly.](#) [Unscored]

- Definition list items are wrapped in `<dl>` elements ^

Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. [Learn how to structure definition lists correctly.](#) Unscored

○ ARIA IDs are unique ^

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. [Learn how to fix duplicate ARIA IDs.](#) Unscored

○ 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. [Learn how to use form labels.](#) Unscored

○ `<frame>` or `<iframe>` elements have a title ^

Screen reader users rely on frame titles to describe the contents of frames. [Learn more about frame titles.](#) Unscored

○ `<html>` element has an `[xml:lang]` attribute with the same base language as the `[lang]` attribute. ^

If the webpage does not specify a consistent language, then the screen reader might not announce the page's text correctly. [Learn more about the lang attribute.](#) Unscored

○ Input buttons have discernible text. ^

Adding discernable and accessible text to input buttons may help screen reader users understand the purpose of the input button. [Learn more about input buttons.](#) Unscored

○ `<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.](#) Unscored

○ 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.](#) Unscored

○ The document does not use `<meta http-equiv="refresh">` ^

Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. [Learn more about the refresh meta tag.](#) Unscored

○ `<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.](#) Unscored

- Select elements have associated label elements. ^

Form elements without effective labels can create frustrating experiences for screen reader users. [Learn more about the select element.](#) Unscored

- Skip links are focusable. ^

Including a skip link can help users skip to the main content to save time. [Learn more about skip links.](#) Unscored

- Cells in a <table> element that use the [headers] attribute refer to table cells within the same table. ^

Screen readers have features to make navigating tables easier. Ensuring <td> 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.](#) Unscored

- <th> 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. [Learn more about table headers.](#) Unscored

- [lang] attributes have a valid value ^

Specifying a valid [BCP 47 language](#) on elements helps ensure that text is pronounced correctly by a screen reader. [Learn how to use the lang attribute.](#) Unscored

- <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. [Learn more about video captions.](#) Unscored

- 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. [Learn more about summary and caption.](#) Unscored

- All heading elements contain content. ^

A heading with no content or inaccessible text prevent screen reader users from accessing information on the page's structure. [Learn more about headings.](#) Unscored

- 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.](#) Unscored

- 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.](#) Unscored



Best Practices

GENERAL

- ▲ Uses deprecated APIs — 2 warnings found

^

Deprecated APIs will eventually be removed from the browser. [Learn more about deprecated APIs.](#)

Deprecation / Warning	Source
doulab.net 1st Party	<p>`StorageType.persistent` is deprecated. Please use standardized `navigator.storage` instead.</p> <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">/cdn-cgi/challenge-p... ripts/jsd/main.js:1</div>
Unattributable	
Unload event listeners are deprecated and will be removed.	Grammarly-check.js:1

- ▲ Browser errors were 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](#)

Show 3rd-party resources (2)

Source	Description
Cloudflare Utility	

Source	Description
static.cloudflareins... com/beacon.min.js:1	Failed to load resource: net::ERR_BLOCKED_BY_CLIENT
static.cloudflareins... c1241717689176015:1	Failed to load resource: net::ERR_BLOCKED_BY_CLIENT
doulab.net 1st Party	
/assets/js/b6cf9b9.0805695b.js:1	Failed to load resource: the server responded with a status of 503 ()
/assets/js/cacd93e4.3b97a657.js:1	Failed to load resource: the server responded with a status of 503 ()
/assets/js/851420db.afe93b21.js:1	Failed to load resource: the server responded with a status of 503 ()
/assets/js/b455e532.4716b528.js:1	Failed to load resource: the server responded with a status of 503 ()
/assets/js/2833a959.7bec0c83.js:1	Failed to load resource: the server responded with a status of 503 ()
/assets/js/8a53a06c.055d1a32.js:1	Failed to load resource: the server responded with a status of 503 ()
(index):16	Loading the font 'https://r2cdn.perplexity.ai/fonts/FKGroteskNeue.woff2' violates the following Content Security Policy directive: "font-src 'self' data:". The action has been blocked.

▲ Issues were logged 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.

Issue type
Content security policy
...js/runtime~main.872ca3fd.js (www.doulab.net)
...js/main.cb960fe9.js (www.doulab.net)
/fonts/FKGroteskNeue.woff2 (r2cdn.perplexity.ai)
...cloudflare-static/email-decode.min.js (www.doulab.net)
/beacon.min.js (static.cloudflareinsights.com)

Issue type

/beacon.min.js/vcd15cbe... (static.cloudflareinsights.com)
 ...js/1df93b7f.34771da5.js (www.doulab.net)
 ...js/a7456010.c9fd522e.js (www.doulab.net)
 ...jsd/main.js (www.doulab.net)

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. [Learn how to use a CSP to prevent XSS](#) Unscored

Description	Directive	Severity
Host allowlists can frequently be bypassed. Consider using CSP nonces or hashes instead, along with `strict-dynamic` if necessary.	script-src	High
“unsafe-inline” allows the execution of unsafe in-page scripts and event handlers. Consider using CSP nonces or hashes to allow scripts individually.	script-src	High

○ Use a strong HSTS policy ^

Deployment of the HSTS header significantly reduces the risk of downgrading HTTP connections and eavesdropping attacks. A rollout in stages, starting with a low max-age is recommended. [Learn more about using a strong HSTS policy](#) Unscored

Description	Directive	Severity
‘max-age’ is too low	max-age	High

○ Mitigate DOM-based XSS with Trusted Types ^

The require-trusted-types-for directive in the Content-Security-Policy (CSP) header instructs user agents to control the data passed to DOM XSS sink functions. [Learn more about mitigating DOM-based XSS with Trusted Types](#) Unscored

Description	Severity
No ‘Content-Security-Policy’ header with Trusted Types directive found	High

PASSED AUDITS (10)

Hide

Uses HTTPS

^

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding [mixed content](#), 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. [Learn more about HTTPS](#).

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](#).

Averts 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](#).

Averts 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](#).

Serves images with appropriate resolution

^

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. [Learn how to provide responsive images](#).

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](#).

Page has valid source maps ^

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. [Learn more about source maps.](#) Unscored

Show 3rd-party resources (6)

URL	Map URL
Unattributable	
chrome-extension://npclhbddhklpbnaacpjloidibaggcgon/events.js	chrome-extension://npclhbddhklpbnaacpjloidibaggcgon/events.js.map
Error: Failed fetching source map (null)	
chrome-extension://npclhbddhklpbnaacpjloidibaggcgon/content.js	chrome-extension://npclhbddhklpbnaacpjloidibaggcgon/content.js.map
Error: Failed fetching source map (null)	
chrome-extension://fmkadmapgofadopljbjfkapdkoienih/i/build/react_devtools_backend_compact.js	chrome-extension://fmkadmapgofadopljbjfkapdkoienih/i/build/react_devtools_backend_compact.js.map
Error: Failed fetching source map (null)	
chrome-extension://fmkadmapgofadopljbjfkapdkoienih/i/build/installHook.js	chrome-extension://fmkadmapgofadopljbjfkapdkoienih/i/build/installHook.js.map
Error: Failed fetching source map (null)	
QuillBot: AI Writing and Grammar Checker Tool Chrome Extension	
chrome-extension://iinbdjijdkbmajdffnidomddglmieko/quillbot-content.js	chrome-extension://iinbdjijdkbmajdffnidomddglmieko/sourceMap/quillbot-content.js.map
Error: Failed fetching source map (null)	
chrome-extension://iinbdjijdkbmajdffnidomddglmieko/executor.js	chrome-extension://iinbdjijdkbmajdffnidomddglmieko/sourceMap/executor.js.map
Error: Failed fetching source map (null)	

URL	Map URL
chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/detect-editors.js	chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/sourceMap/detect-editors.js.map
Error: Failed fetching source map (null)	
chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/detect-editors.js	chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/sourceMap/detect-editors.js.map
Error: Failed fetching source map (null)	
chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/ai-chat.js	chrome-extension://iidnbdjijdkbmajdffnidomddglmieko/sourceMap/ai-chat.js.map
Error: Failed fetching source map (null)	
Adobe Acrobat: PDF edit, convert, sign tools Chrome Extension	
chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/libs/readability.js	chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/libs/readability.js.map

NOT APPLICABLE (4)[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. [Learn more](#). Unscored

○ Ensure proper origin isolation with COOP [^](#)

The Cross-Origin-Opener-Policy (COOP) can be used to isolate the top-level window from other documents such as pop-ups. [Learn more about deploying the COOP header](#). Unscored

○ Mitigate clickjacking with XFO or CSP [^](#)

The X-Frame-Options (XFO) header or the frame-ancestors directive in the Content-Security-Policy (CSP) header control where a page can be embedded. These can mitigate clickjacking attacks by blocking some or all sites from embedding the page. [Learn more about mitigating clickjacking](#). Unscored

○ Detected JavaScript libraries [^](#)

All front-end JavaScript libraries detected on the page. [Learn more about this JavaScript library detection diagnostic audit](#). Unscored



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](#).

CRAWLING AND INDEXING

▲ robots.txt is not valid — 1 error found ^

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](#).

Line #	Content	Error
29	Content-Signal: search=yes,ai-train=no	Unknown directive

To appear in search results, crawlers need access to your app.

ADDITIONAL ITEMS TO MANUALLY CHECK (1) Hide

○ Structured data is valid ^

Run the [Structured Data Testing Tool](#) to validate structured data. [Learn more about Structured Data](#). Unscored

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

PASSED AUDITS (9) 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](#).

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.](#)

Document has a meta description ^

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

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 crawlable](#)

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.](#)

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.](#)

Document has a valid rel=canonical ^

Canonical links suggest which URL to show in search results. [Learn more about canonical links.](#)

 Captured at Jan 16, 2026, 11:27 AM GMT+1
 Initial page load

 Emulated Desktop with Lighthouse 13.0.1
 Custom throttling

 Single page session
 Using Chromium 143.0.0.0 with devtools

Generated by **Lighthouse** 13.0.1 | [File an issue](#)