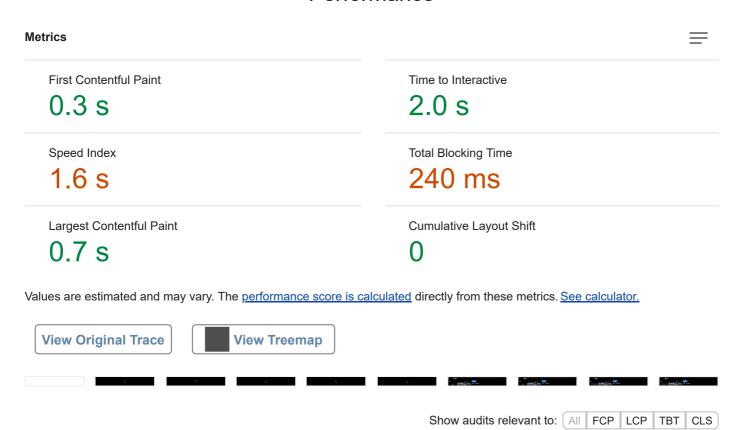




## Performance



**Opportunities** — These suggestions can help your page load faster. They don't <u>directly affect</u> the Performance score.

Opportunity Estimated Savings

Reduce unused JavaScript 0.48 s ^

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. <u>Learn more</u>. [LCP]

✓ Show 3rd-party resources (1)

Transfer Size Potential Savings

URL	Transfer Size	Potential Savings
editor/editor.main.js (cdn.jsdelivr.net)	870.2 KiB	510.6 KiB
pages/index-52a03d83aed2cfcb.js (sqlapp-next.vercel.app)	47.1 KiB	44.1 KiB
chunks/278.be9e3c0d82de8744.js (sqlapp-next.vercel.app)	81.5 KiB	34.1 KiB

**Diagnostics** — More information about the performance of your application. These numbers don't <u>directly affect</u> the Performance score.

User Timing marks and measures — 4 user timings

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

Name	Туре	Start Time	Duration
Next.js-before-hydration	Measure	0 ms	732.25 ms
Next.js-hydration	Measure	732.25 ms	32.2 ms
beforeRender	Mark	732.26 ms	
afterHydrate	Mark	764.5 ms	

O Keep request counts low and transfer sizes small — 27 requests • 1,298 KiB

To set budgets for the quantity and size of page resources, add a budget.json file. Learn more.

Resource Type	Requests	Transfer Size
Total	27	1,297.7 KiB
Script	21	1.130.3 KiB

Resource Type	Requests	Transfer Size
Other	2	101.0 KiB
Font	1	41.5 KiB
Stylesheet	2	23.9 KiB
Document	1	1.0 KiB
Image	0	0.0 KiB
Media	0	0.0 KiB
Third-party	8	1,069.3 KiB

○ Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. <u>Learn More</u> (LCP)

### Element



li.mb-1.ms-4

O Avoid large layout shifts — 1 element found

These DOM elements contribute most to the CLS of the page. CLS

Element CLS Contribution



textarea.inputarea.monaco-mouse-cursor-text

Avoid long main-thread tasks — 4 long tasks found

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

✓ Show 3rd-party resources (2)

URL	Start Time	Duration
editor/editor.main.nls.js (cdn.jsdelivr.net)	1,906 ms	180 ms
editor/editor.main.js (cdn.jsdelivr.net)	1,626 ms	120 ms
https://sqlapp-next.vercel.app	389 ms	83 ms
chunks/278.be9e3c0d82de8744.js (sqlapp-next.vercel.app)	825 ms	76 ms

Passed audits (32)

0

URL

	^
Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. Learn more. FCP LCP	
Properly size images	^
Serve images that are appropriately-sized to save cellular data and improve load time. <u>Learn more</u> .	
Defer offscreen images	^
Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. <u>Learn more</u> .	
Minify CSS	^
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> . FCP <u>LCP</u>	
Minify JavaScript	^
Minifying JavaScript files can reduce payload sizes and script parse time. Learn more. FCP LCP	
Reduce unused CSS — Potential savings of 19 KiB	^
Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. <u>Learn more</u> . <u>FCP</u> <u>LCP</u>	,
Show 3rd party resources	(1)
URL Transfer Pote Size Sav	
	ings
editor/editor.main.css (cdn.jsdelivr.net) 19.9 KiB 19.1 k	
editor/editor.main.css (cdn.jsdelivr.net)  19.9 KiB  19.1 F  Efficiently encode images	
	ΚiB
Efficiently encode images	ΚiB
Efficiently encode images  Optimized images load faster and consume less cellular data. <u>Learn more</u> .	ΚiB
Efficiently encode images  Optimized images load faster and consume less cellular data. Learn more.  Serve images in next-gen formats  Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads	ΚiB
Efficiently encode images  Optimized images load faster and consume less cellular data. Learn more.  Serve images in next-gen formats  Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more.	⟨iB
Efficiently encode images  Optimized images load faster and consume less cellular data. Learn more.  Serve images in next-gen formats  Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more.  Enable text compression  Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn	⟨iB
Efficiently encode images  Optimized images load faster and consume less cellular data. Learn more.  Serve images in next-gen formats  Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more.  Enable text compression  Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more. FCP LCP	⟨iB
Efficiently encode images  Optimized images load faster and consume less cellular data. Learn more.  Serve images in next-gen formats  Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more.  Enable text compression  Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more. FCP LCP  Preconnect to required origins  Consider adding 'preconnect' or 'dns-prefetch' resource hints to establish early connections to important third-party origins	⟨iB
Efficiently encode images  Optimized images load faster and consume less cellular data. Learn more.  Serve images in next-gen formats  Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more.  Enable text compression  Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more. FCP LCP  Preconnect to required origins  Consider adding 'preconnect' or 'dns-prefetch' resource hints to establish early connections to important third-party original Learn more. FCP LCP	⟨iB

4/19

Time Spent

	URL	Time Spent
	https://sqlapp-next.vercel.app	30 ms
	Avoid multiple page redirects	^
	Redirects introduce additional delays before the page can be loaded. <u>Learn more</u> . <u>FCP</u> <u>LCP</u>	
0	Preload key requests	^
	Consider using ` <li>k rel=preload&gt;` to prioritize fetching resources that are currently requested later more. FCP LCP</li>	r in page load. <u>Learn</u>
	Use HTTP/2	^
	HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more	<u>e</u> .
	Use video formats for animated content	^
	Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for PNG/WebP for static images instead of GIF to save network bytes. <u>Learn more [LCP]</u>	r animations and
	Remove duplicate modules in JavaScript bundles	^
	Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed TBT	I by network activity.
	Avoid serving legacy JavaScript to modern browsers	^
	Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many ar modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using n detection to reduce the amount of code shipped to modern browsers, while retaining support for leg More TBT	nodule/nomodule feature
0	Preload Largest Contentful Paint image	^
	Preload the image used by the LCP element in order to improve your LCP time. <u>Learn more</u> . <u>LCP</u>	
	Avoids enormous network payloads — Total size was 1,307 KiB	^
	Large network payloads cost users real money and are highly correlated with long load times. Learn	n more. LCP
	✓ Sho	ow 3rd-party resources (6)
	URL	Transfer Size
	editor/editor.main.js (cdn.jsdelivr.net)	870.2 KiB
	worker/workerMain.js (cdn.jsdelivr.net)	100.2 KiB
	chunks/278.be9e3c0d82de8744.js (sqlapp-next.vercel.app)	81.5 KiB
	pages/index-52a03d83aed2cfcb.js (sqlapp-next.vercel.app)	47.1 KiB
	chunks/framework-66d32731bdd20e83.js (sqlapp-next.vercel.app)	46.1 KiB
	codicon/codicon.ttf (cdn.jsdelivr.net)	41.5 KiB
	chunks/main-bac2f07e2c919777.js (sqlapp-next.vercel.app)	32.6 KiB
	editor/editor.main.nls.js (cdn.jsdelivr.net)	21.9 KiB
	editor/editor.main.css (cdn.jsdelivr.net)	19.9 KiB

URL Transfer Size

...vs/loader.js (cdn.jsdelivr.net)

10.0 KiB

Uses efficient cache policy on static assets — 0 resources found

A long cache lifetime can speed up repeat visits to your page. Learn more.

### Avoid chaining critical requests

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

<u>Learn more</u>. FCP) <u>LCP</u>

Maximum critical path latency: 90 ms

Initial Navigation

https://sqlapp-next.vercel.app - 90 ms, 0.99 KiB

JavaScript execution time - 0.6 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more</u>. (TBT)

✓ Show 3rd-party resources (2)

URL	Total CPU Time	Script Evaluation	Script Parse
https://sqlapp-next.vercel.app	398 ms	42 ms	0 ms
chunks/framework-66d32731bdd20e83.js (sqlapp-next.vercel.app)	230 ms	214 ms	1 ms
Unattributable	187 ms	3 ms	0 ms
editor/editor.main.js (cdn.jsdelivr.net)	181 ms	117 ms	23 ms
editor/editor.main.nls.js (cdn.jsdelivr.net)	180 ms	145 ms	1 ms
chunks/278.be9e3c0d82de8744.js (sqlapp-next.vercel.app)	76 ms	66 ms	2 ms

Minimizes main-thread work — 1.3 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more (TBT)</u>

Category	Time Spent
Script Evaluation	638 ms
Other	414 ms
Style & Layout	161 ms
Script Parsing & Compilation	40 ms
Rendering	37 ms
Garbage Collection	32 ms
Parse HTML & CSS	6 ms

01/12/2023, 14:45 All text remains visible during webfont loads Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. Learn more. FCP [CCP] Minimize third-party usage — Third-party code blocked the main thread for 110 ms Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. Learn more. [TBT] Show 3rd-party resources (0) Third-Party Transfer Size Main-Thread Blocking Time JSDelivr CDN 1,069 KiB 110 ms ...editor/editor.main.nls.js (cdn.jsdelivr.net) 22 KiB 94 ms ...editor/editor.main.js (cdn.jsdelivr.net) 870 KiB 16 ms ...worker/workerMain.js (cdn.jsdelivr.net) 100 KiB 0 ms Other resources 77 KiB 0 ms

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. Learn more. (TBT)

Largest Contentful Paint image was not lazily loaded

Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. Learn more.

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance. Learn more.

Avoids document.write()

For users on slow connections, external scripts dynamically injected via 'document.write()' can delay page load by tens of seconds. Learn more.

Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. Learn more CLS

Image elements have explicit width and height

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. Learn more CLS

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. TBT



These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

	Buttons do not have an accessil	ble name	^
	When a button doesn't have an rely on screen readers. <u>Learn m</u>	accessible name, screen readers announce it as "button", making it unusable for users who ore.	
	Failing Elements		
		button#fullscreenButton.dark:text-white.text-black.p-3.hover:text-gray-700.shadow-lg.hover:shadow-cyan-500.hover:shadow-md.border.rounded-lg	
		button#themeSelectorButton.p-3.shadow-lg.dark:text-white.text-black.dark:hover:text-white.hover:text-gray-700.hover:shadow-cyan-500.hover:shadow-md.border.rounded-lg	
		button#dropDownButton.p-3.shadow-lg.dark:text-white.text-black.dark:hover:text-white.hover:shadow-cyan-500.hover:shadow-md.border.rounded-lg.hover:text-gray-700	
•	ntrast — These are opportunities	s to improve the legibility of your content.	
	Background and foreground colo	ors do not have a sufficient contrast ratio.	^
	Low-contrast text is difficult or in	npossible for many users to read. <u>Learn more</u> .	
	Failing Elements		
		button#runSqlButton.bg-blue-500.text-white.px-4.py-2.rounded.hover:brightness-150	

O The page has a logical tab order

more in our guide on conducting an accessibility review.

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. <u>Learn more</u>.

0	Interactive controls are keyboard focusable	^
	Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn more</u> .	
0	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. <u>Learn more</u> .	
0	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. <u>Learn more</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 more</u> .	
0	Custom controls have associated labels	^
	Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more</u> .	
0	Custom controls have ARIA roles	^
	Custom interactive controls have appropriate ARIA roles. <u>Learn more</u> .	
0	Visual order on the page follows DOM order	^
	DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .	
0	Offscreen content is hidden from assistive technology	^
	Offscreen content is hidden with display: none or aria-hidden=true. <u>Learn more</u> .	
0	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 <a href="Learn more">Learn more</a>.</nav></main>	<i>'</i> .
Pa	ssed audits (21)	^
	[aria-*] attributes match their roles	^
	Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. <a href="Learn more"><u>Learn more</u></a> .	1
	[aria-hidden="true"] is not present on the document <body></body>	^
	Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document ` <body>`. <a href="Learn more"><u>Learn more</u></a>.</body>	
	[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. <u>Learn more</u> .	
	[role]s have all required [aria-*] attributes	^
	Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more</u> .	
	[role] values are valid	

5.

ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more. [aria-\*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more. [aria-\*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. 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. 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. [id] attributes on active, focusable elements are unique All focusable elements must have a unique 'id' to ensure that they're visible to assistive technologies. Learn more. ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Learn more. <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. <html> element has a valid value for its [lang] attribute Specifying a valid BCP 47 language helps screen readers announce text properly. Learn more. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more. 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 more. 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. List items () are contained within or parent elements Screen readers require list items ('') to be contained within a parent '' or '' to be announced properly. Learn more. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than

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. 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. 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. 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. Not applicable (21) [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. 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 more. 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. ARIA meter 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 more. 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. Learn more. 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. [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. 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

<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.



# **Best Practices**

## **Trust and Safety**

0	Ensure CSP is effective against XSS attacks					
	A strong	g Content Security Policy (CSP) significan	tly reduces the risk of cross-site scripting	ng (XSS) attacks. <u>Learn more</u>		
	Descript	tion	Directive	Severity		
	No CS	P found in enforcement mode		High		
Ge	neral					
0	Detecte	d JavaScript libraries				
	All front-end JavaScript libraries detected on the page. <u>Learn more</u> .					
	Name		Version			
	Next.js		14.0.3			
<b>A</b>	Browser	r errors were logged to the console		/		
	Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser					
	concern	s. <u>Learn more</u>				
				Show 3rd-party resources (0)		
	Source	Description				
	frame work- 66d3 2731 bdd2 0e83.j s:9	Error: Minified React error #418; visifull message or use the non-minified of (https://sqlapp-next.vercel.app/_next, (https://sqlapp-next.vercel.app/_next, (https://sqlapp-next.vercel.app/_next, next.vercel.app/_next/static/chunks/fn	dev environment for full errors and ac/static/chunks/framework-66d32731bdd20/static/chunks/framework-66d32731bdd20/static/chunks/framework-66d32731bdd20/static/chunks/framework-66d32731bdd20e83.js:9:98942 acamework-66d32731bdd20e83.js:9:98949) amework-66d32731bdd20e83.js:9:93988) amework-66d32731bdd20e83.js:3:33:1364)	dditional helpful warnings. at lg de83.js:9:46337) at i de83.js:9:121108) at oD de83.js:9:99075) at https://sqlappat oO (https://sqlappat ox (https://sqlappat x (http		
	frame work- 66d3 2731 bdd2 0e83.j s:9	Error: Minified React error #423; visifull message or use the non-minified of (https://sqlapp-next.vercel.app/_next/next.vercel.app/_next/next.vercel.app/_next/static/chunks/fnext.vercel.app/_next	dev environment for full errors and ac/static/chunks/framework-66d32731bdd20/static/chunks/framework-66d32731bdd20/static/chunks/framework-66d32731bdd20e83.js:9:98942 aramework-66d32731bdd20e83.js:9:98949) amework-66d32731bdd20e83.js:9:95701) amework-66d32731bdd20e83.js:9:94256) amework-66d32731bdd20e83.js:33:1364)	dditional helpful warnings. at i 20e83.js:9:120777) at oD 20e83.js:9:99075) at https://sqlappat oO (https://sqlappat oE (https://sqlappat ox (https://sqlappat ox (https://sqlappat x (https://sqlappat x (https://sqlappat ox (https://sqlappat		

01/12/2023, 14:45 Passed audits (15) **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

Links to cross-origin destinations are safe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. Learn more.

Avoids requesting the geolocation permission on page load

prerequisite for HTTP/2 and many new web platform APIs. Learn more.

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.

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.

Avoids front-end JavaScript libraries with known security vulnerabilities

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. Learn more.

Allows users to paste into password fields

Preventing password pasting undermines good security policy. Learn more

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. Learn more.

Serves images with appropriate resolution

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn more.

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. Learn more.

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.

Avoids unload event listeners

The 'unload' event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Consider using the 'pagehide' or 'visibilitychange' events instead. Learn more

**Avoids Application Cache** 

Application Cache is deprecated. Learn more.

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. Learn more.

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. <u>Learn more</u>.

✓ Show 3rd-party resources (3)

URL Map URL

...editor/editor.main.js (cdn.jsdelivr.net) ...editor/editor.main.js.map (cdn.jsdelivr.net)

Error: Waiting for the end of the  ${\tt IO}$  stream exceeded the allotted time.

...vs/loader.js (cdn.jsdelivr.net) ...vs/loader.js.map (cdn.jsdelivr.net)

...editor/editor.main.nls.js (cdn.jsdelivr.net) editor/editor.main.nls.js.map (cdn.jsdelivr.net)

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.

Not applicable (1)

Fonts with font-display: optional are preloaded

Preload 'optional' fonts so first-time visitors may use them. Learn more



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.

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

Structured data is valid

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

Passed audits (9)

	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 <u>a 300 millisecond delay</u> to user input. <u>Learn more</u> . TBT	<u>!</u>
	Document has a <title> element&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;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. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Document has a meta description&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Meta descriptions may be included in search results to concisely summarize page content. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Page has successful HTTP status code&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Pages with unsuccessful HTTP status codes may not be indexed properly. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Links have descriptive text&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Descriptive link text helps search engines understand your content. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Links are crawlable&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;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 More&lt;/td&gt;&lt;td&gt;i&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Page isn't blocked from indexing&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Search engines are unable to include your pages in search results if they don't have permission to crawl them. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Document has a valid hreflang&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;hreflang links tell search engines what version of a page they should list in search results for a given language or region.  &lt;u&gt;Learn more.&lt;/u&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Document avoids plugins&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Search engines can't index plugin content, and many devices restrict plugins or don't support them. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;No&lt;/td&gt;&lt;td&gt;t applicable (5)&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;0&lt;/td&gt;&lt;td&gt;robots.txt is valid&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;0&lt;/td&gt;&lt;td&gt;Image elements have [alt] attributes&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;0&lt;/td&gt;&lt;td&gt;Document has a valid rel=canonical&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Canonical links suggest which URL to show in search results. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;0&lt;/td&gt;&lt;td&gt;Document uses legible font sizes&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>	

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. <u>Learn more</u>.

Tap targets are sized appropriately

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. <u>Learn more</u>.



## Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

#### Installable

▲ Web app manifest or service worker do not meet the installability requirements — 1 reason

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. <u>Learn more</u>.

Failure reason

No manifest was fetched

### **PWA Optimized**

Does not register a service worker that controls page and start\_url

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. <u>Learn more</u>.

### Redirects HTTP traffic to HTTPS

If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. <u>Learn more</u>.

▲ Is not configured for a custom splash screen Failures: No manifest was fetched.

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. <u>Learn more</u>.

Does not set a theme color for the address bar.

Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.

The browser address bar can be themed to match your site. Learn more.

Content is sized correctly for the viewport

If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. <u>Learn more</u>.

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 <u>a 300 millisecond delay</u> to user input. <u>Learn more</u>. (TBT)

▲ Does not provide a valid apple-touch-icon

For ideal appearance on iOS when users add a progressive web app to the home screen, define an `apple-touch-icon`. It must point to a non-transparent 192px (or 180px) square PNG. <u>Learn More</u>.

▲ Manifest doesn't have a maskable icon No manifest was fetched

A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. Learn more.

**Additional items to manually check (3)** — These checks are required by the baseline <u>PWA Checklist</u> but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Site works cross-browser

To reach the most number of users, sites should work across every major browser. Learn more.

Page transitions don't feel like they block on the network

Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of performance. <u>Learn more</u>.

Each page has a URL

Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. <u>Learn more</u>.

#### Runtime Settings

URL https://sqlapp-next.vercel.app/

**Fetch Time** Dec 1, 2023, 2:44 PM GMT+5:30

**Device** Emulated Desktop

**Network throttling** 40 ms TCP RTT, 10,240 Kbps throughput (Simulated)

CPU throttling 1x slowdown (Simulated)

Channel devtools

User agent (host) Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like

Gecko) Chrome/97.0.4692.99 Safari/537.36

Mozilla/5 0 (Macintosh: Intel Mac OS X 10 15 7) AppleWebKit/537 36 (KHTMI

01/12/2023, 14:45

User agent (network)

like Gecko) Chrome/94.0.4590.2 Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 1417

Axe version 4.2.3

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