https://khanh-chatbot.vercel.app/   ⋮

100   **89**   **96**   **100**

Performance   Accessibility   Best   SEO
                                  Practices

SI   FCP

CLS   LCP

100

TBT

Performance

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

▲ 0–49   50–89   90–100

METRICS   Expand view

First Contentful Paint   Largest Contentful Paint

0.6 s   **0.6 s**

Total Blocking Time   Cumulative Layout Shift

0 ms   **0**

Speed Index

0.8 s

View Treemap

Show audits relevant to: All   FCP   LCP   TBT   CLS

DIAGNOSTICS

Serve images in next-gen formats — Potential savings of 12 KiB ⌄

Serve static assets with an efficient cache policy — 2 resources found ⌄

Eliminate render-blocking resources — Potential savings of 0 ms ⌄

Avoid serving legacy JavaScript to modern browsers — Potential savings of 9 KiB ⌄

Reduce unused JavaScript — Potential savings of 564 KiB ⌄

○ Initial server response time was short — Root document took 310 ms ⌄

○ Avoid large layout shifts — 1 layout shift found ⌄

○ Avoids enormous network payloads — Total size was 106 KiB ⌄

○ Avoids an excessive DOM size — 16 elements ⌄

○ Avoid chaining critical requests — 2 chains found ⌄

○ JavaScript execution time — 0.3 s ⌄

○ Minimizes main-thread work — 0.5 s ⌄

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

○ Largest Contentful Paint element — 640 ms ⌄

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

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

PASSED AUDITS (23)   Show

89

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing]() is also encouraged.

CONTRAST

⚠️ Background and foreground colors do not have a sufficient contrast ratio. ⌄

These are opportunities to improve the legibility of your content.

NAVIGATION

◯ The page contains a heading, skip link, or landmark region ⌄

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

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

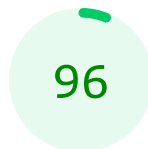## PASSED AUDITS (7)   Show

NOT APPLICABLE (48)   Show

96

Best Practices

GENERAL

⚠️ Issues were logged in the `Issues` panel in Chrome Devtools ⌄

◯ Detected JavaScript libraries ⌄

TRUST AND SAFETY

⊙   Ensure CSP is effective against XSS attacks   ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (2)   Show

100

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](#).

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

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

PASSED AUDITS (8)   Show

NOT APPLICABLE (2)   Show

Captured at Jan 16, 2025,   Emulated Desktop with   Single page session
11:40 AM GMT+7   Lighthouse 12.2.1
Initial page load   Custom throttling   Using Chromium 131.0.0.0 with
                                                                         devtools

Generated by **Lighthouse** 12.2.1 | [File an issue](#)