https://a3-alexli.onrender.com/

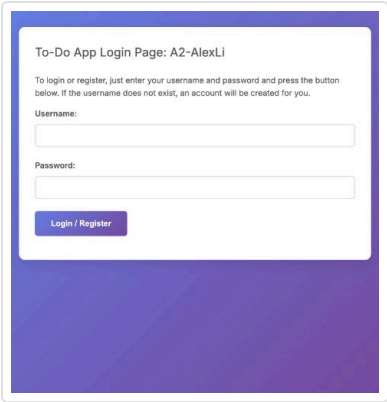| 99 | 100 | 96 | 90 |
|---|---|---|---|
| Performance | Accessibility | Best Practices | SEO |

99

# Performance

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

▲ 0–49   ■ 50–89   ● 90–100

To-Do App Login Page: A2-AlexLi

To login or register, just enter your username and password and press the button below. If the username does not exist, an account will be created for you.

Username:

Password:

Login / Register

METRICS                                                                 Expand view

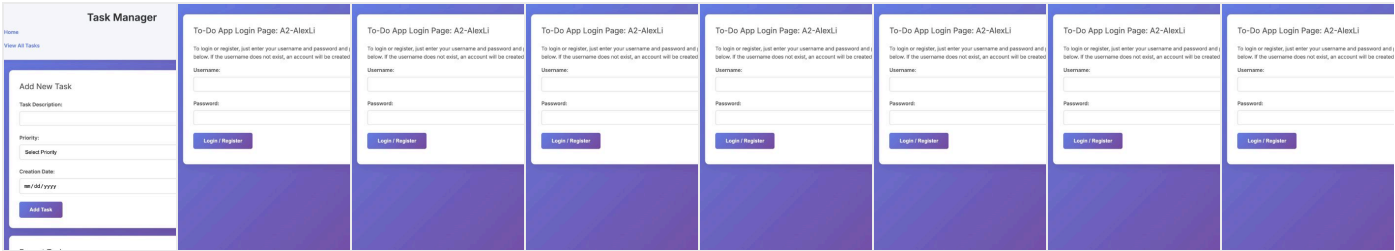● First Contentful Paint                    ● Largest Contentful Paint

**0.6 s**                                          **0.9 s**

● Total Blocking Time

**0 ms**

● Cumulative Layout Shift

**0.042**

● Speed Index

**0.6 s**

[ View Treemap ]

📣 Later this year, insights will replace performance audits. [Learn more and provide feedback here](#).

[ Try insights ]

Show audits relevant to:   **All**   FCP   LCP   TBT   CLS

## DIAGNOSTICS

🔺 Eliminate render-blocking resources  — Est savings of 260 ms          ⌄

◯ Avoid large layout shifts  — 2 layout shifts found          ⌄

◯ Avoid chaining critical requests  — 4 chains found          ⌄

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

◯ Largest Contentful Paint element  — 860 ms          ⌄

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

## PASSED AUDITS (33)                                                    Show

**100**

# 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.

---

**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** (10)                                                Show

---

**NOT APPLICABLE** (47)                                               Show

---

## 96

# Best Practices

**GENERAL**

---

🔺    Browser errors were logged to the console                        ⌄

---

**TRUST AND SAFETY**

---

◯    Ensure CSP is effective against XSS attacks                       ⌄

---

◯    Use a strong HSTS policy                                          ⌄

---

◯    Ensure proper origin isolation with COOP                          ⌄

---

◯    Mitigate clickjacking with XFO or CSP                             ⌄

---

**PASSED AUDITS** (13)                                                 Show

---

## 90

# SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more about Google Search Essentials.

CONTENT BEST PRACTICES

🔺 Document does not have a meta description ⌄

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

ADDITIONAL ITEMS TO MANUALLY CHECK (1)                Show

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

PASSED AUDITS (6)                Show

NOT APPLICABLE (3)                Show

Captured at Sep 12, 2025, 2:46 PM EDT
Initial page load

Emulated Desktop with Lighthouse 12.6.1
Custom throttling

Single page session

Using Chromium 139.0.0.0 with devtools

Generated by **Lighthouse** 12.6.1 | File an issue