



## Report from Jul 10, 2024, 5:32:55 PM

<https://ahmedalsakkaf.github.io/PerformanceOptimization-Task6/>[Analyze](#)

Discover what your real users are experiencing

[No Data](#)



Diagnose performance issues



Mobile



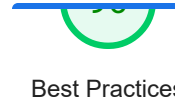
Desktop



Performance



Accessibility



Best Practices



SEO



Performance

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



0–49



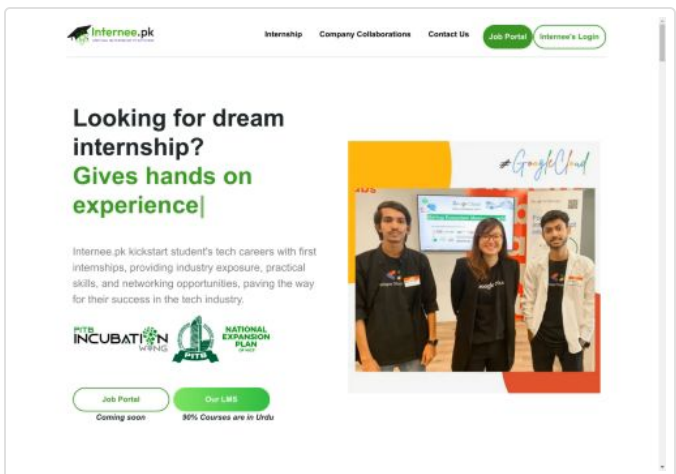
50–89



90–100

METRICS

[Expand view](#)



● Total Blocking Time  
**0 ms**

■ Cumulative Layout Shift  
**0.224**

● Speed Index  
**0.6 s**

📅 Captured at Jul 10, 2024, 5:32  
PM GMT+5

🖥️ Emulated Desktop with  
Lighthouse 12.0.0

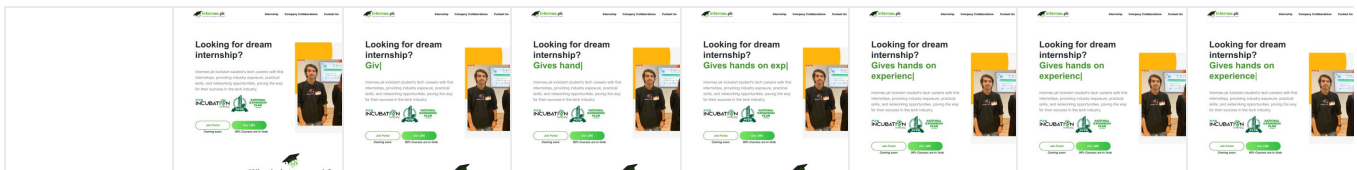
👤 Single page session

🕒 Initial page load

⚡ Custom throttling

🔗 Using HeadlessChromium  
125.0.6422.175 with Ir

📊 [View Treemap](#)



Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

## DIAGNOSTICS

- ▲ Avoid large layout shifts — 15 layout shifts found ▼
- ▲ Serve images in next-gen formats — Potential savings of 129 KiB ▼
- ▲ Largest Contentful Paint image was lazily loaded ▼
- ▲ Properly size images — Potential savings of 1,671 KiB ▼
- ▲ Efficiently encode images — Potential savings of 72 KiB ▼
- ▲ Reduce unused CSS — Potential savings of 43 KiB ▼
- ▲ Eliminate render-blocking resources — Potential savings of 140 ms ▼
- Image elements do not have explicit [width](#) and [height](#) ▼
- Serve static assets with an efficient cache policy — 49 resources found ▼
- Initial server response time was short — Root document took 80 ms ▼



○ Avoids an excessive DOM size — 400 elements

○ Avoid chaining critical requests — 16 chains found

○ JavaScript execution time — 0.0 s

○ Minimizes main-thread work — 0.4 s

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

○ Largest Contentful Paint element — 610 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 (18)

[Show](#)



## 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.



&lt;template&gt;).



These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

## NAVIGATION



Heading elements are not in a sequentially-descending order



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 (17)

[Show](#)

## NOT APPLICABLE (37)

[Show](#)

Best Practices

## GENERAL



Browser errors were logged to the console





PASSED AUDITS (13)

[Show](#)

NOT APPLICABLE (3)

[Show](#)



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 (8)

[Show](#)

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