http://127.0.0.1:5500/index.html

**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

METRICS                                                        Expand view

| First Contentful Paint | Largest Contentful Paint |
|---|---|
| **0.7 s** | **0.8 s** |

| Total Blocking Time | Cumulative Layout Shift |
|---|---|
| **0 ms** | **0.008** |

| Speed Index |
|---|
| **0.7 s** |

**View Treemap**

Show audits relevant to:     All   FCP   LCP   TBT   CLS

DIAGNOSTICS

▲ Eliminate render-blocking resources  —  Potential savings of 250 ms                            ⌄

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. Learn how to eliminate render-blocking resources. FCP LCP

☑ Show 3rd-party resources (4)

| URL | Transfer Size | Potential Savings |
|---|---|---|
| 0.1  1st Party | **84.8 KiB** | **740 ms** |
| /jquery.datetimepicker.css  (127.0.0.1) | 18.3 KiB | 170 ms |
| /app.css  (127.0.0.1) | 0.6 KiB | 90 ms |
| /jquery.datetimepicker.full.min.js  (127.0.0.1) | 59.7 KiB | 340 ms |
| /app.js  (127.0.0.1) | 6.1 KiB | 130 ms |
| Cloudflare CDN  Cdn | **2.3 KiB** | **230 ms** |
| …0.9.1/jquery.modal.min.css  (cdnjs.cloudflare.com) | 2.3 KiB | 230 ms |
| jQuery CDN  Cdn | **130.5 KiB** | **540 ms** |
| …base/jquery-ui.css  (code.jquery.com) | 8.5 KiB | 260 ms |
| …1.12.1/jquery-ui.js  (code.jquery.com) | 122.0 KiB | 280 ms |
| Google CDN  Cdn | **31.0 KiB** | **370 ms** |
| …3.5.1/jquery.min.js  (ajax.googleapis.com) | 31.0 KiB | 370 ms |

🔺 Reduce unused JavaScript — Potential savings of 218 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. LCP

☑ Show 3rd-party resources (2)

| URL | Transfer Size | Potential Savings |
|---|---|---|
| jQuery CDN  Cdn | **122.0 KiB** | **99.0 KiB** |
| …1.12.1/jquery-ui.js  (code.jquery.com) | 122.0 KiB | 99.0 KiB |
| kaspersky-labs.com | **143.8 KiB** | **96.3 KiB** |

| URL | Transfer Size | Potential Savings |
|---|---|---|
| /FD126C42-…/main.js?attr=pGqYqLhln…  (gc.kis.v2.scr.kaspersky-labs.com) | 143.8 KiB | 96.3 KiB |
| 0.1  1st Party | **59.7 KiB** | **22.3 KiB** |
| /jquery.datetimepicker.full.min.js  (127.0.0.1) | 59.7 KiB | 22.3 KiB |

⚠ Enable text compression  — Potential savings of 179 KiB                    ⌃

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more about text compression. FCP  LCP

☑ Show 3rd-party resources (1)

| URL | Transfer Size | Potential Savings |
|---|---|---|
| kaspersky-labs.com | **143.6 KiB** | **117.4 KiB** |
| /FD126C42-…/main.js?attr=pGqYqLhln…  (gc.kis.v2.scr.kaspersky-labs.com) | 143.6 KiB | 117.4 KiB |
| 0.1  1st Party | **87.4 KiB** | **61.2 KiB** |
| /jquery.datetimepicker.full.min.js  (127.0.0.1) | 59.4 KiB | 40.6 KiB |
| /jquery.datetimepicker.css  (127.0.0.1) | 18.0 KiB | 13.3 KiB |
| /app.js  (127.0.0.1) | 5.7 KiB | 4.6 KiB |
| /index.html  (127.0.0.1) | 4.3 KiB | 2.7 KiB |

⚠ Minify JavaScript  — Potential savings of 136 KiB                    ⌃

Minifying JavaScript files can reduce payload sizes and script parse time. Learn how to minify JavaScript. FCP  LCP

☑ Show 3rd-party resources (2)

| URL | Transfer Size | Potential Savings |
|---|---|---|
| kaspersky-labs.com | **143.8 KiB** | **52.6 KiB** |
| /FD126C42-…/main.js?attr=pGqYqLhln…  (gc.kis.v2.scr.kaspersky-labs.com) | 143.8 KiB | 52.6 KiB |
| jQuery CDN  Cdn | **122.0 KiB** | **44.0 KiB** |

| URL | Transfer Size | Potential Savings |
|---|---|---|
| …1.12.1/jquery-ui.js (code.jquery.com) | 122.0 KiB | 44.0 KiB |
| **Unattributable** | **89.1 KiB** | **37.1 KiB** |
| chrome-extension://eimadpbcbfnmbkopoojfekhnkhdbieeh/inject/index.js | 89.1 KiB | 37.1 KiB |
| 0.1 [1st Party] | **6.1 KiB** | **2.2 KiB** |
| /app.js (127.0.0.1) | 6.1 KiB | 2.2 KiB |

---

🔺 Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ⌃

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 about using the viewport meta tag](). [TBT]

---

Does not use 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 about adopting passive event listeners]().

☑ Show 3rd-party resources (1)

| Source |
|---|
| Google CDN [Cdn] |
| jquery.min.js:2 |
| 0.1 [1st Party] |
| jquery.datetimepicker.full.min.js:1 |

---

Reduce unused CSS — Potential 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]

| URL | Transfer Size | Potential Savings |
|---|---|---|
| 0.1 [1st Party] | **18.3 KiB** | **17.7 KiB** |

| URL | Transfer Size | Potential Savings |
|---|---|---|
| /jquery.datetimepicker.css  (127.0.0.1) | 18.3 KiB | 17.7 KiB |

### Page prevented back/forward cache restoration  — 2 failure reasons    ⌃

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](#)

| Failure reason | Failure type |
|---|---|
| The page has an unload handler in the main frame.<br><br>/index.html  (127.0.0.1) | Actionable |
| Pages with WebSocket cannot enter back/forward cache.<br><br>/index.html  (127.0.0.1) | Pending browser support |

### ○  Avoid large layout shifts  — 2 elements found    ⌃

These DOM elements contribute most to the CLS of the page. [Learn how to improve CLS](#) CLS

| Element | CLS Contribution |
|---|---|
| form#create-employee | 0.008 |
| button | 0.000 |

### ○  Initial server response time was short  — Root document took 10 ms    ⌃

Keep the server response time for the main document short because all other requests depend on it. [Learn more about the Time to First Byte metric](#). FCP  LCP

| URL | Time Spent |
|---|---|
| 0.1 [1st Party] | **10 ms** |
| /index.html  (127.0.0.1) | 10 ms |

○ — Avoids enormous network payloads  — Total size was 408 KiB                    ⌄

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

☑ Show 3rd-party resources (6)

| URL | Transfer Size |
|---|---|
| kaspersky-labs.com | **143.8 KiB** |
| /FD126C42-…/main.js?attr=pGqYqLhln…  (gc.kis.v2.scr.kaspersky-labs.com) | 143.8 KiB |
| jQuery CDN [Cdn] | **137.7 KiB** |
| …1.12.1/jquery-ui.js  (code.jquery.com) | 122.0 KiB |
| …base/jquery-ui.css  (code.jquery.com) | 8.5 KiB |
| …images/ui-icons_777777_256x240.png  (code.jquery.com) | 7.2 KiB |
| 0.1 [1st Party] | **88.8 KiB** |
| /jquery.datetimepicker.full.min.js  (127.0.0.1) | 59.7 KiB |
| /jquery.datetimepicker.css  (127.0.0.1) | 18.3 KiB |
| /app.js  (127.0.0.1) | 6.1 KiB |
| /index.html  (127.0.0.1) | 4.6 KiB |
| Google CDN [Cdn] | **31.0 KiB** |
| …3.5.1/jquery.min.js  (ajax.googleapis.com) | 31.0 KiB |
| Cloudflare CDN [Cdn] | **2.3 KiB** |
| …0.9.1/jquery.modal.min.css  (cdnjs.cloudflare.com) | 2.3 KiB |

○ Avoids an excessive DOM size — 607 elements ⌃

A large DOM will increase memory usage, cause longer [style calculations](#), and produce costly [layout reflows](#). [Learn how to avoid an excessive DOM size](#). TBT

| Statistic | Element | Value |
|---|---|---|
| Total DOM Elements | | 607 |
| Maximum DOM Depth | div | 9 |
| Maximum Child Elements | div | 101 |

○ Avoid chaining critical requests — 10 chains found ⌃

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. [Learn how to avoid chaining critical requests](#). FCP LCP

Maximum critical path latency: **119.425 ms**

*Initial Navigation*

   /index.html  (127.0.0.1)

      /FD126C42-…/main.js?attr=pGqYqLhln…  (gc.kis.v2.scr.kaspersky-labs.com) **- 4.535 ms, 143.79 KiB**

      …3.5.1/jquery.min.js  (ajax.googleapis.com) **- 57.512 ms, 31.04 KiB**

      /jquery.datetimepicker.full.min.js  (127.0.0.1) **- 29.75 ms, 59.75 KiB**

      /jquery.datetimepicker.css  (127.0.0.1) **- 14.597 ms, 18.33 KiB**

      …0.9.1/jquery.modal.min.js  (cdnjs.cloudflare.com) **- 32.555 ms, 2.14 KiB**

      …0.9.1/jquery.modal.min.css  (cdnjs.cloudflare.com) **- 32.643 ms, 2.27 KiB**

      …1.12.1/jquery-ui.js  (code.jquery.com) **- 94.154 ms, 122.00 KiB**

      …base/jquery-ui.css  (code.jquery.com) **- 22.499 ms, 8.51 KiB**

      /app.js  (127.0.0.1) **- 17.825 ms, 6.10 KiB**

      /app.css  (127.0.0.1) **- 11.372 ms, 0.65 KiB**

○ Minimizes main-thread work — 0.2 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

| Category | Time Spent |
|---|---|
| Script Evaluation | 88 ms |
| Other | 45 ms |

| Category | Time Spent |
|---|---|
| Script Parsing & Compilation | 17 ms |
| Parse HTML & CSS | 5 ms |
| Style & Layout | 4 ms |
| Rendering | 1 ms |
| Garbage Collection | 1 ms |

○   Minimize third-party usage   —   Third-party code blocked the main thread for 0 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 how to minimize third-party impact](#). TBT

| Third-Party | Transfer Size | Main-Thread Blocking Time |
|---|---|---|
| **kaspersky-labs.com** | **145 KiB** | **0 ms** |
| /FD126C42-…/main.js?attr=pGqYqLhln… (gc.kis.v2.scr.kaspersky-labs.com) | 144 KiB | 0 ms |
| **jQuery CDN** Cdn | **138 KiB** | **0 ms** |
| …1.12.1/jquery-ui.js (code.jquery.com) | 122 KiB | 0 ms |
| …base/jquery-ui.css (code.jquery.com) | 9 KiB | 0 ms |
| …images/ui-icons_777777_256x240.png (code.jquery.com) | 7 KiB | 0 ms |
| **Google CDN** Cdn | **31 KiB** | **0 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 31 KiB | 0 ms |
| **Cloudflare CDN** Cdn | **4 KiB** | **0 ms** |
| **Wappalyzer - Technology profiler** Chrome Extension | **3 KiB** | **0 ms** |

○   Largest Contentful Paint element   —   760 ms     ⌃

This is the largest contentful element painted within the viewport. [Learn more about the Largest Contentful Paint element](#) LCP

| Element |
|---|
| h2 |

## Element

| Phase | % of LCP | Timing |
|---|---|---|
| TTFB | 18% | 130 ms |
| Load Delay | 0% | 0 ms |
| Load Time | 0% | 0 ms |
| Render Delay | 82% | 620 ms |

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

## PASSED AUDITS (23)                                                    Hide

### Properly size images                                                 ⌃

Serve images that are appropriately-sized to save cellular data and improve load time. [Learn how to size images](#).

### Defer offscreen images                                              ⌃

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. [Learn how to defer offscreen images](#).

### Minify CSS                                                           ⌃

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

### Efficiently encode images                                           ⌃

Optimized images load faster and consume less cellular data. [Learn how to efficiently encode images](#).

### 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 about modern image formats](#).

### Preconnect to required origins                                       ⌃

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins. [Learn how to preconnect to required origins](#). FCP LCP

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### Avoid multiple page redirects    ⌃

Redirects introduce additional delays before the page can be loaded. [Learn how to avoid page redirects](#). FCP LCP

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◯ Preload key requests    ⌃

Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load. [Learn how to preload key requests](#). FCP LCP

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### Use HTTP/2    ⌃

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. [Learn more about HTTP/2](#).

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### Use video formats for animated content    ⌃

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. [Learn more about efficient video formats](#) LCP

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### Remove duplicate modules in JavaScript bundles    ⌃

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. TBT

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### Avoid serving legacy JavaScript to modern browsers    ⌃

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers. [Learn how to use modern JavaScript](#) TBT

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◯ Preload Largest Contentful Paint image    ⌃

If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. [Learn more about preloading LCP elements](#). LCP

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### Uses efficient cache policy on static assets   — 0 resources found    ⌃

A long cache lifetime can speed up repeat visits to your page. [Learn more about efficient cache policies](#).

---

◯ User Timing marks and measures    ⌃

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](#).

## ◯ JavaScript execution time ⌃

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`

## 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 about `font-display`](#). `FCP` `LCP`

## ◯ 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 how to defer third-parties with a facade](#). `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 about optimal lazy loading](#). `LCP`

## Avoids `document.write()` ⌃

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. [Learn how to avoid document.write()](#).

## ◯ Avoid long main-thread tasks ⌃

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`

## ◯ Avoid non-composited animations ⌃

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

Captured at Jan 4, 2024, 5:02 PM GMT+1

Initial page load

Emulated Desktop with Lighthouse 11.2.0

Custom throttling

Single page load

Using Chromium 120.0.0.0 with devtools

Generated by **Lighthouse** 11.2.0 |