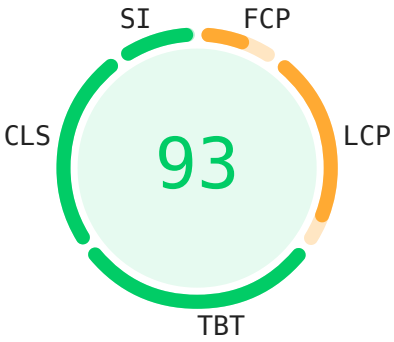



# Performance

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

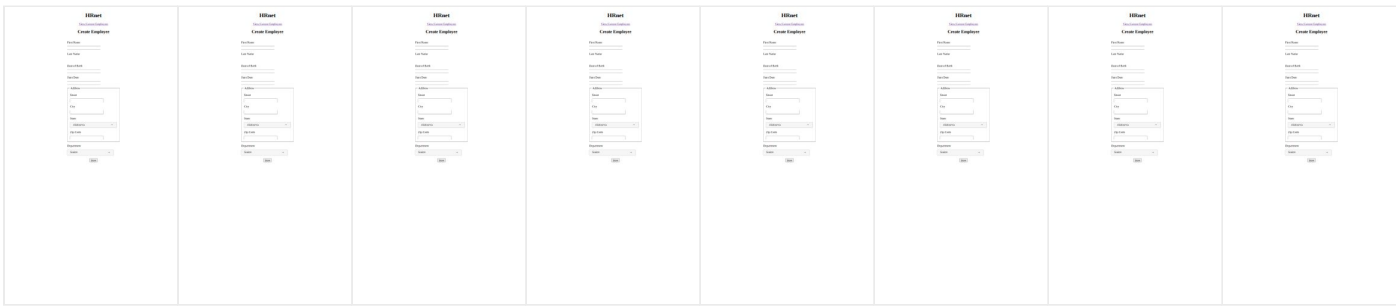
▲ 0–49 50–89 90–100

## METRICS

Expand view

| | |
|---|---|
| First Contentful Paint<br>2.5 s | Largest Contentful Paint<br>2.6 s |
| Total Blocking Time<br>0 ms | Cumulative Layout Shift<br>0.002 |
| Speed Index<br>2.5 s | |

View Treemap



Show audits relevant to: All FCP LCP TBT CLS

## DIAGNOSTICS

▲ Eliminate render-blocking resources — Potential savings of 1,440 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 (5)

| URL | Transfer Size | Potential Savings |
| --- | --- | --- |
| Google CDN Cdn | **30.4 KiB** | **1,070 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 30.4 KiB | 1,070 ms |
| vercel.app 1st Party | **20.2 KiB** | **600 ms** |
| /jquery.datetimepicker.full.min.js (hrnet-jquery-two.vercel.app) | 20.2 KiB | 600 ms |
| Cloudflare CDN Cdn | **4.1 KiB** | **1,540 ms** |
| …0.9.1/jquery.modal.min.js (cdnjs.cloudflare.com) | 2.0 KiB | 710 ms |
| …0.9.1/jquery.modal.min.css (cdnjs.cloudflare.com) | 2.1 KiB | 830 ms |
| jQuery CDN Cdn | **130.1 KiB** | **1,670 ms** |
| …1.12.1/jquery-ui.js (code.jquery.com) | 121.8 KiB | 900 ms |
| …base/jquery-ui.css (code.jquery.com) | 8.3 KiB | 770 ms |

## ▲ Minify JavaScript — Potential savings of 44 KiB

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

| URL | Transfer Size | Potential Savings |
| --- | --- | --- |
| jQuery CDN Cdn | **121.6 KiB** | **43.8 KiB** |
| …1.12.1/jquery-ui.js (code.jquery.com) | 121.6 KiB | 43.8 KiB |

## ▲ Reduce unused JavaScript — Potential savings of 133 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. FCP LCP

☑ Show 3rd-party resources (1)

| URL | Transfer Size | Potential Savings |
| --- | --- | --- |
| jQuery CDN Cdn | **121.6 KiB** | **98.6 KiB** |
| …1.12.1/jquery-ui.js (code.jquery.com) | 121.6 KiB | 98.6 KiB |

| URL | Transfer Size | Potential Savings |
| --- | --- | --- |
| Unattributable | **38.8 KiB** | **34.2 KiB** |
| `chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/renderer.js` | 38.8 KiB | 34.2 KiB |

▲ Largest Contentful Paint element — 2,600 ms

This is the largest contentful element painted within the viewport. Learn more about the Largest Contentful Paint element

LCP

Element

h2

| Phase | % of LCP | Timing |
| --- | --- | --- |
| TTFB | 24% | 630 ms |
| Load Delay | 0% | 0 ms |
| Load Time | 0% | 0 ms |
| Render Delay | 76% | 1,970 ms |

▲ 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.

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.

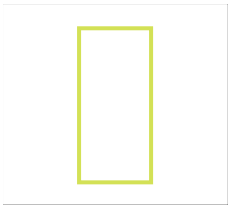
☑ Show 3rd-party resources (1)

| Source |
| --- |
| Google CDN Cdn |
| jquery.min.js:2 |

| Source |
| --- |
| vercel.app 1st Party |
| jquery.datetimepicker.full.min.js:1 |

## Avoid large layout shifts — 1 layout shift found

These are the largest layout shifts observed on the page. Each table item represents a single layout shift, and shows the element that shifted the most. Below each item are possible root causes that led to the layout shift. Some of these layout shifts may not be included in the CLS metric value due to windowing. Learn how to improve CLS CLS

| Element | Layout shift score |
| --- | --- |
|  form#create-employee | 0.002 |
| …1.12.1/jquery-ui.js (code.jquery.com) | A late network request adjusted the page layout |
| …0.9.1/jquery.modal.min.css (cdnjs.cloudflare.com) | A late network request adjusted the page layout |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | A late network request adjusted the page layout |
| …0.9.1/jquery.modal.min.js (cdnjs.cloudflare.com) | A late network request adjusted the page layout |
| /jquery.datetimepicker.css (hrnet-jquery-two.vercel.app) | A late network request adjusted the page layout |
| /app.css (hrnet-jquery-two.vercel.app) | A late network request adjusted the page layout |
| /jquery.datetimepicker.full.min.js (hrnet-jquery-two.vercel.app) | A late network request adjusted the page layout |
| /app.js (hrnet-jquery-two.vercel.app) | A late network request adjusted the page layout |
| …base/jquery-ui.css (code.jquery.com) | A late network request adjusted the page layout |

## User Timing marks and measures — 1 user timing

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.

| Name | Type | Start Time | Duration |
| --- | --- | --- | --- |
| __v3 | Mark | 0.00 ms | |

## Initial server response time was short — Root document took 40 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 |
| --- | --- |
| vercel.app 1st Party | **40 ms** |
| /index.html (hrnet-jquery-two.vercel.app) | 40 ms |

Avoids enormous network payloads — Total size was 199 KiB

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

Show 3rd-party resources (6)

| URL | Transfer Size |
| --- | --- |
| jQuery CDN Cdn | **137.1 KiB** |
| …1.12.1/jquery-ui.js (code.jquery.com) | 121.8 KiB |
| …base/jquery-ui.css (code.jquery.com) | 8.3 KiB |
| …images/ui-icons_777777_256x240.png (code.jquery.com) | 7.0 KiB |
| Google CDN Cdn | **30.4 KiB** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 30.4 KiB |
| vercel.app 1st Party | **27.3 KiB** |
| /jquery.datetimepicker.full.min.js (hrnet-jquery-two.vercel.app) | 20.2 KiB |
| /jquery.datetimepicker.css (hrnet-jquery-two.vercel.app) | 5.0 KiB |
| /app.js (hrnet-jquery-two.vercel.app) | 1.2 KiB |
| /index.html (hrnet-jquery-two.vercel.app) | 0.8 KiB |
| Cloudflare CDN Cdn | **4.1 KiB** |
| …0.9.1/jquery.modal.min.css (cdnjs.cloudflare.com) | 2.1 KiB |
| …0.9.1/jquery.modal.min.js (cdnjs.cloudflare.com) | 2.0 KiB |

Avoids an excessive DOM size — 606 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 | | 606 |
| Maximum DOM Depth | div | 9 |
| Maximum Child Elements | div | 101 |

## Avoid chaining critical requests — 9 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.

Maximum critical path latency: **126.79 ms**

*Initial Navigation*

- /index.html (hrnet-jquery-two.vercel.app)
  - /jquery.datetimepicker.css (hrnet-jquery-two.vercel.app) **- 38.211 ms, 4.99 KiB**
  - …0.9.1/jquery.modal.min.css (cdnjs.cloudflare.com) **- 43.606 ms, 2.10 KiB**
  - …base/jquery-ui.css (code.jquery.com) **- 18.069 ms, 8.30 KiB**
  - /app.css (hrnet-jquery-two.vercel.app) **- 34.939 ms, 0.46 KiB**
  - …3.5.1/jquery.min.js (ajax.googleapis.com) **- 27.445 ms, 30.37 KiB**
  - /jquery.datetimepicker.full.min.js (hrnet-jquery-two.vercel.app) **- 25.155 ms, 20.21 KiB**
  - …0.9.1/jquery.modal.min.js (cdnjs.cloudflare.com) **- 37.071 ms, 2.00 KiB**
  - …1.12.1/jquery-ui.js (code.jquery.com) **- 21.037 ms, 121.84 KiB**
  - /app.js (hrnet-jquery-two.vercel.app) **- 28.754 ms, 1.23 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. Learn how to reduce Javascript execution time. TBT

Show 3rd-party resources (1)

| URL | Total CPU Time | Script Evaluation | Script Parse |
|---|---|---|---|
| vercel.app 1st Party | **664 ms** | **396 ms** | **56 ms** |
| /index.html (hrnet-jquery-two.vercel.app) | 664 ms | 396 ms | 56 ms |
| Google CDN Cdn | **202 ms** | **164 ms** | **4 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 202 ms | 164 ms | 4 ms |
| Unattributable | **99 ms** | **15 ms** | **0 ms** |

| URL | Total CPU Time | Script Evaluation | Script Parse |
|---|---|---|---|
| Unattributable | 99 ms | 15 ms | 0 ms |

## Minimizes main-thread work — 1.0 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 | 624 ms |
| Other | 229 ms |
| Script Parsing & Compilation | 87 ms |
| Parse HTML & CSS | 58 ms |
| Style & Layout | 40 ms |
| Garbage Collection | 5 ms |
| Rendering | 4 ms |

## Minimize third-party usage — Third-party code blocked the main thread for 60 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 |
|---|---|---|
| Google CDN Cdn | **30 KiB** | **63 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 30 KiB | 63 ms |
| jQuery CDN Cdn | **137 KiB** | **0 ms** |
| …1.12.1/jquery-ui.js (code.jquery.com) | 122 KiB | 0 ms |
| …base/jquery-ui.css (code.jquery.com) | 8 KiB | 0 ms |
| …images/ui-icons_777777_256x240.png (code.jquery.com) | 7 KiB | 0 ms |
| Cloudflare CDN Cdn | **4 KiB** | **0 ms** |
| …0.9.1/jquery.modal.min.css (cdnjs.cloudflare.com) | 2 KiB | 0 ms |
| …0.9.1/jquery.modal.min.js (cdnjs.cloudflare.com) | 2 KiB | 0 ms |

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. Learn how to avoid long main-thread tasks TBT

Show 3rd-party resources (1)

| URL | Start Time | Duration |
|---|---|---|
| vercel.app 1st Party | | **344 ms** |
| /index.html (hrnet-jquery-two.vercel.app) | 900 ms | 156 ms |
| /index.html (hrnet-jquery-two.vercel.app) | 782 ms | 118 ms |
| /jquery.datetimepicker.full.min.js (hrnet-jquery-two.vercel.app) | 2,448 ms | 70 ms |
| Google CDN Cdn | | **70 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 1,969 ms | 70 ms |

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

PASSED AUDITS (22) Hide

Properly size images

Serve images that are appropriately-sized to save cellular data and improve load time. Learn how to size images. FCP LCP

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. FCP LCP

Minify CSS

Minifying CSS files can reduce network payload sizes. Learn how to minify CSS. FCP LCP

Reduce unused CSS

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

Efficiently encode images

Optimized images load faster and consume less cellular data. Learn how to efficiently encode images. FCP LCP

### 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. FCP LCP

### Enable text compression

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

### 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. LCP FCP

### Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. Learn how to avoid page redirects. LCP FCP

### Use HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more about HTTP/2. LCP FCP

### 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 FCP LCP

### Remove duplicate modules in JavaScript bundles

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

### 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 FCP LCP

### 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

### 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.

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`.

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 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

Page didn't prevent back/forward cache restoration

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