



Performance Report for: <https://precisedx.ai/>

Report generated: Tue, Mar 12, 2024 2:23 AM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

A	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	99%	94%	806ms	9ms	0.01

Top Issues

Med	Use explicit width and height on image elements <small>CLS</small>	4 images found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 162KB
Low	Use passive listeners to improve scrolling performance	1 event listener not passive
Low	Use a Content Delivery Network (CDN)	1 resource found
Low	Avoid an excessive DOM size <small>TBT</small>	392 elements

Page Details



Total Page Size - 937KB



Total Page Requests - 35



■ HTML
 ■ JS
 ■ CSS
 ■ IMG
 ■ Video
 ■ Font
 ■ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

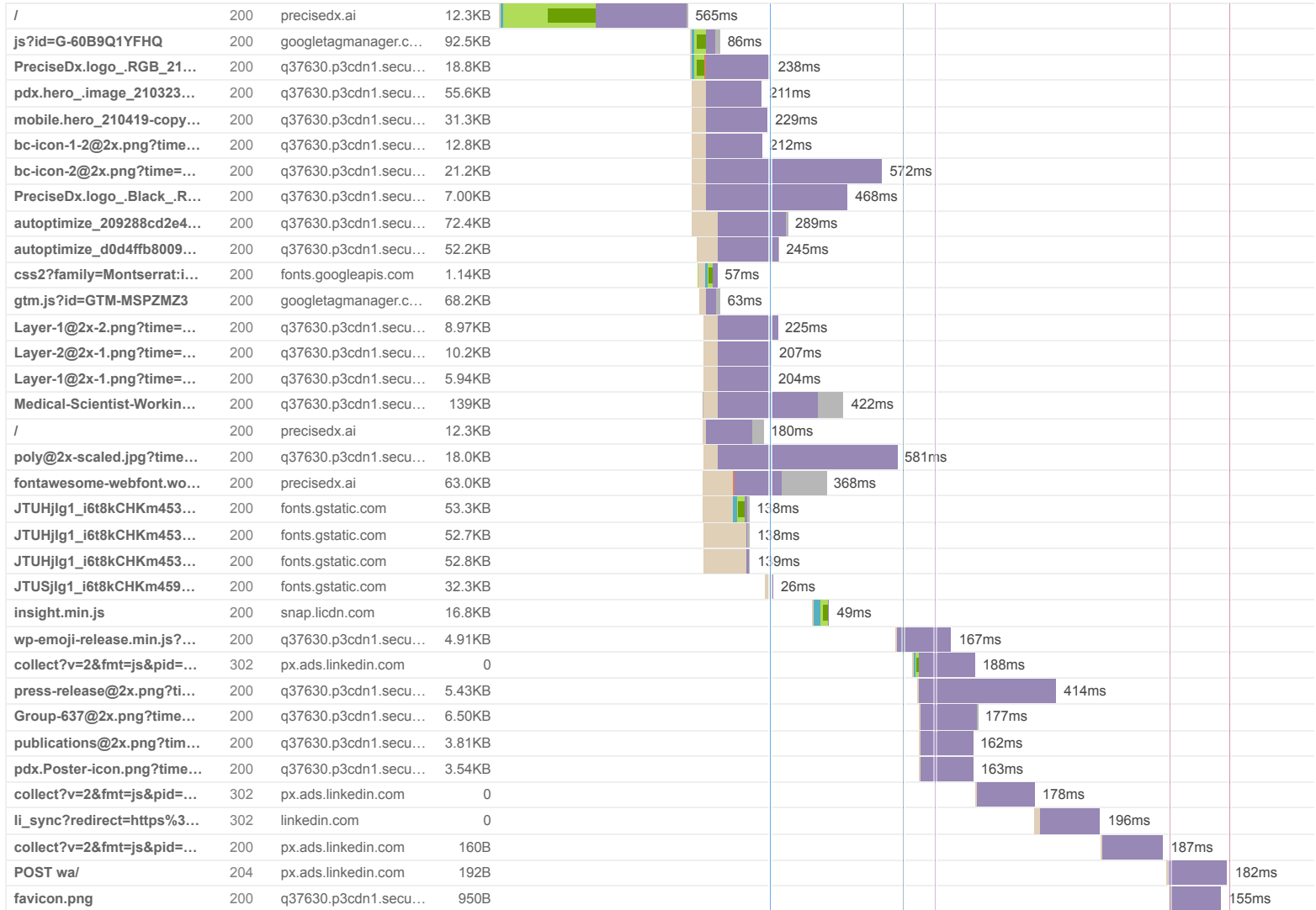


GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

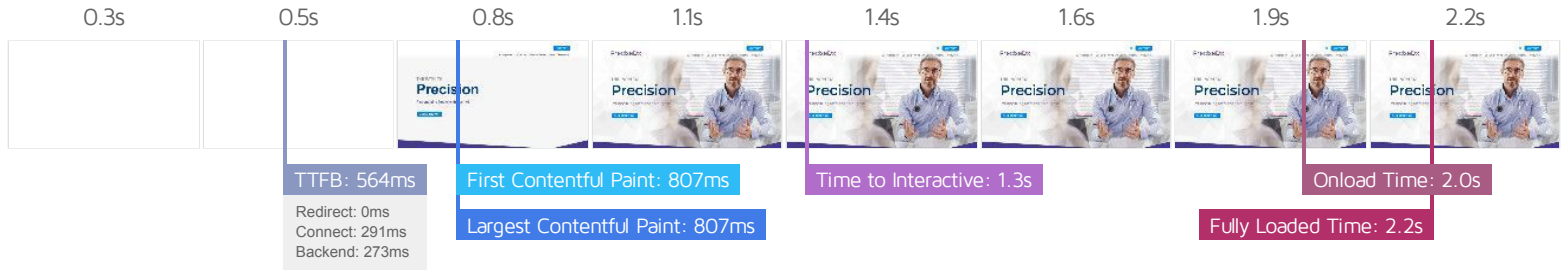
<https://carbon60.com/>

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

AI-Driven Pathology | Precision Medicine | PreciseDx



35 Requests 937KB (1.93MB Uncompressed) Fully Loaded 2.2s (Onload 2s)



Performance Metrics

<p>First Contentful Paint</p> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>	<p>Good - Nothing to do here</p> <p>806ms</p>	<p>Time to Interactive</p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Good - Nothing to do here</p> <p>1.3s</p>
<p>Speed Index</p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Good - Nothing to do here</p> <p>1.0s</p>	<p>Total Blocking Time</p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Good - Nothing to do here</p> <p>9ms</p>
<p>Largest Contentful Paint</p> <p>How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.</p>	<p>Good - Nothing to do here</p> <p>806ms</p>	<p>Cumulative Layout Shift</p> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>	<p>Good - Nothing to do here</p> <p>0.01</p>

Browser Timings

Redirect	0ms	Connect	291ms	Backend	273ms
TTFB	564ms	DOM Int.	608ms	First Paint	807ms
DOM Loaded	1.2s	Onload	2.0s	Fully Loaded	2.2s

IMPACT AUDIT

Low

Avoid enormous network payloads LCP

Total size was 0.96MB

Large network payloads cost users real money and are highly correlated with long load times.

URL	TRANSFER SIZE
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2024/01/Medical-Scientist-Working-with-CT-Brain-Scan-Images-on-a-Personal-Computer-in-Laboratory-Neurologists-in-Neurological-Research-Center-Working-on-a-Brain-Tumor-Cure@2x-scaled.webp?time=1710028516	139KB
https://www.googletagmanager.com/gtag/js?id=G-60B9Q1YFHQ	92.9KB
https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/js/autoptimze_209288cd2e4dc659c640d110fe50bb4e.js	72.4KB
https://www.googletagmanager.com/gtm.js?id=GTM-MSPZMZ3	68.4KB
https://precisedx.ai/wp-content/themes/PreciseDx/_fonts/fontawesome-webfont.woff?v=4.4.0	63.4KB
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2024/01/pdx_hero_image_210323@2x-scaled-1.webp?time=1710028516	56.1KB
https://precisedx.ai/	54.5KB
https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCuM70w-.ttf	53.4KB
https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCtr6Ew-.ttf	53.3KB
https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCu170w-.ttf	53.0KB

Low

Properly size images

Potential savings of 33.3KB

Serve images that are appropriately-sized to save cellular data and improve load time.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/09/bc-icon-2@2x.png?time=1710028516	21.2KB	16.9KB
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/09/bc-icon-1-2@2x.png?time=1710028516	12.8KB	10.4KB
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/04/PreciseDx.logo_Black_RGB_210311@2x.png?ime=1710028516	7.00KB	5.89KB

Low

Ensure text remains visible during webfont load FCP LCP

1 font found

Leverage the `font-display` CSS feature to ensure text is user-visible while webfonts are loading.

URL	POTENTIAL SAVINGS
https://precisedx.ai/wp-content/themes/PreciseDx/_fonts/fontawesome-webfont.woff?v=4.4.0	278ms

Low

Avoid long main-thread tasks TBT

2 long tasks found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay.

URL	START TIME	DURATION
https://precisedx.ai/	608ms	89ms
https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/js/autoptimze_209288cd2e4dc659c640d110fe50bb4e.js	1.2s	59ms

Low

Reduce JavaScript execution time TBT

232ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
• https://precisedx.ai/	299ms	33ms	1ms
• Unattributable	176ms	8ms	0ms
• https://www.googletagmanager.com/gtm.js?id=GTM-MSPZMZ3	171ms	101ms	23ms
• https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/js/autoptimze_209288cd2e4dc659c640d110fe50bb4e.js	108ms	59ms	3ms

Low **Reduce unused CSS** FCP LCP Potential savings of 48.5KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/css/autoptimze_d0d4ffb8009af85988735fdd15f7267a.css	52.2KB	48.5KB

Low **Serve images in next-gen formats** Potential savings of 35.5KB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/09/bc-icon-2@2x.png?time=1710028516	21.2KB	14.2KB
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/04/PreciseDx.logo_RGB_210311@2x.png?time=1710028516	18.8KB	13.3KB
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/04/poly@2x-scaled.jpg?time=1710028516	18.0KB	8.07KB

Low **Reduce initial server response time** FCP LCP Root document took 272ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
• https://precisedx.ai/	272ms

Low **Defer offscreen images** Potential savings of 25.0KB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/04/poly@2x-scaled.jpg?time=1710028516	18.0KB	18.0KB
https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2021/04/PreciseDx.logo_Black_RGB_210311@2x.png?time=1710028516	7.00KB	7.00KB

Low **Avoid non-composited animations** CLS 13 animated elements found

Animations which are not composited can be janky and increase CLS.

ELEMENT	NAME
The National Comprehensive Cancer Network® (NCCN®)	
<code></code>	
Unsupported CSS Property: letter-spacing	letter-spacing
Unsupported CSS Property: font-size	font-size
div.col-12 > div.dx_icon_textbox > div.dx_itb_inner > div.dx_itb_icon	
<code><div class="dx_itb_icon" style="background-image: url(&quot;https://q37630.p3cdn1.secureserver.net/wp-content/up...&quot;); ></code>	
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: background-position-x	background-position-x
Unsupported CSS Property: background-position-y	background-position-y
div.container > div.row > div.col-12 > a	
<code></code>	
Unsupported CSS Property: font-size	font-size
Providing unmatched insights to support pathologists, and oncologists	
<code><div class="dx_itb_content"></code>	
Unsupported CSS Property: color	color
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: font-size	font-size
Unsupported CSS Property: padding-bottom	padding-bottom
Unsupported CSS Property: padding-left	padding-left
Unsupported CSS Property: padding-right	padding-right
Unsupported CSS Property: padding-top	padding-top
Unsupported CSS Property: font-weight	font-weight
Providing unmatched insights to support pathologists, and oncologists	
<code><div class="dx_icon_textbox mobile"></code>	
Unsupported CSS Property: border-top-left-radius	border-top-left-radius
Unsupported CSS Property: border-top-right-radius	border-top-right-radius
Unsupported CSS Property: margin-bottom	margin-bottom
Unsupported CSS Property: border-bottom-left-radius	border-bottom-left-radius
Unsupported CSS Property: border-bottom-right-radius	border-bottom-right-radius
Unsupported CSS Property: box-shadow	box-shadow
Privacy Policy	
<code></code>	
Unsupported CSS Property: font-size	font-size
Transforming clinical modeling, patient phenotyping, and image analysis	
<code><div class="dx_icon_textbox mobile"></code>	
Unsupported CSS Property: border-top-left-radius	border-top-left-radius
Unsupported CSS Property: border-top-right-radius	border-top-right-radius
Unsupported CSS Property: margin-bottom	margin-bottom
Unsupported CSS Property: border-bottom-left-radius	border-bottom-left-radius
Unsupported CSS Property: border-bottom-right-radius	border-bottom-right-radius
Unsupported CSS Property: box-shadow	box-shadow
Integrating artificial intelligence, lab processes and workflow systems	
<code><div class="dx_icon_textbox mobile"></code>	
Unsupported CSS Property: border-top-left-radius	border-top-left-radius
Unsupported CSS Property: border-top-right-radius	border-top-right-radius

ELEMENT	NAME
Unsupported CSS Property: margin-bottom	margin-bottom
Unsupported CSS Property: border-bottom-left-radius	border-bottom-left-radius
Unsupported CSS Property: border-bottom-right-radius	border-bottom-right-radius
Unsupported CSS Property: box-shadow	box-shadow
Transforming clinical modeling, patient phenotyping, and image analysis	
<code><div class="dx_itb_content"></code>	
Unsupported CSS Property: color	color
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: font-size	font-size
Unsupported CSS Property: padding-bottom	padding-bottom
Unsupported CSS Property: padding-left	padding-left
Unsupported CSS Property: padding-right	padding-right
Unsupported CSS Property: padding-top	padding-top
Unsupported CSS Property: font-weight	font-weight
div.container > div.row > div.col-12 > a	
<code></code>	
Unsupported CSS Property: font-size	font-size
div.col-12 > div.dx_icon_textbox > div.dx_itb_inner > div.dx_itb_icon	
<code><div class="dx_itb_icon" style="background-image: url (&quot;https://q37630.p3cdn1.secureserver.net/wp-content/up...&quot;); "></code>	
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: background-position-x	background-position-x
Unsupported CSS Property: background-position-y	background-position-y
Integrating artificial intelligence, lab processes and workflow systems	
<code><div class="dx_itb_content"></code>	
Unsupported CSS Property: color	color
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: font-size	font-size
Unsupported CSS Property: padding-bottom	padding-bottom
Unsupported CSS Property: padding-left	padding-left
Unsupported CSS Property: padding-right	padding-right
Unsupported CSS Property: padding-top	padding-top
Unsupported CSS Property: font-weight	font-weight
div.col-12 > div.dx_icon_textbox > div.dx_itb_inner > div.dx_itb_icon	
<code><div class="dx_itb_icon" style="background-image: url (&quot;https://q37630.p3cdn1.secureserver.net/wp-content/up...&quot;); "></code>	
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: background-position-x	background-position-x
Unsupported CSS Property: background-position-y	background-position-y

Low

Avoid chaining critical requests FCP LCP

4 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.

Maximum critical path latency: **978ms**

INITIAL NAVIGATION

|

- <https://precisedx.ai/> 12.8KB, 563ms
- https://precisedx.ai/wp-content/themes/PreciseDx/_fonts/fontawesome-webfont.woff?v=4.4.0 63.4KB, 278ms
- https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCtr6Ew-.ttf 53.3KB, 49ms
- https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCuM70w-.ttf 53.4KB, 49ms
- https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCu170w-.ttf 53.0KB, 49ms

LOW **Reduce unused JavaScript** LCP Potential savings of 111KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://www.googletagmanager.com/gtag/js?id=G-60B9Q1YFHQ	92.9KB	40.6KB
https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/js/autoptimze_209288cd2e4dc659c640d110fe50bb4e.js	72.4KB	36.3KB
https://www.googletagmanager.com/gtm.js?id=GTM-MSPZMZ3	68.4KB	34.2KB

N/A **Largest Contentful Paint element** LCP 810 ms

This is the largest contentful element painted within the viewport.

ELEMENT

```
Precision
<span class="banner_text_2">
```

PHASE	% OF LCP	TIMING
TTFB	70%	564ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	30%	242ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 59B

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.

URL	POTENTIAL SAVINGS
https://snap.linkedin.com/li_lms-analytics/insight_min.js Line:0 Column:680 <code>@babel/plugin-transform-classes</code>	59B

N/A **Avoid large layout shifts** CLS 5 elements found

These DOM elements contribute most to the CLS of the page.

ELEMENT	CLS CONTRIBUTION
div#content_wrapper > main#home-wrap > section.overlay-holder > div.top-overlay <div class="top-overlay">	0.00
Personalizing Medicine through AI <h2>	0.00
Our Approach Our Lab Who We Serve About Resources <ul id="menu-main-menu" class="menu">	0.00
CONTACT <ul id="menu-aux-menu" class="menu">	0.00
OUR APPROACH 	0.00

N/A **Minimize main-thread work** TBT Main-thread busy for 816ms

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Other	256ms
Script Evaluation	242ms
Style & Layout	238ms
Script Parsing & Compilation	34ms
Parse HTML & CSS	22ms
Rendering	21ms

N/A **Reduce the impact of third-party code** TBT Total size was 855KB

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.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
SECURESERVER.NET	481KB	0ms
<ul style="list-style-type: none"> https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2024/01/Medical-Scientist-Working-with-CT-Brain-Scan-Images-on-a-Personal-Computer-in-Laboratory.-Neurologists-in-Neurological-Research-Center-Working-on-a-Brain-Tumor-Cure@2x-scaled.webp?time=1710028516 https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/js/autoptimze_209288cd2e4dc659c640d110fe50bb4e.js https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2024/01/pdx.hero_image_210323@2x-scaled-1.webp?time=1710028516 https://q37630.p3cdn1.secureserver.net/wp-content/cache/autoptimze/css/autoptimze_d0d4ffb8009af85988735fdd15f7267a.css https://q37630.p3cdn1.secureserver.net/wp-content/uploads/2024/01/mobile.hero_210419-copy@2x.webp?time=1710028516 Other resources 	129KB	0ms
GOOGLE FONTS	193KB	0ms
<ul style="list-style-type: none"> https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCuM70w-.ttf https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCtr6Ew-.ttf https://fonts.gstatic.com/s/montserrat/v26/JTUHjlg1_i6t8kCHKm4532VJOt5-QNFgpCu170w-.ttf https://fonts.gstatic.com/s/montserrat/v26/JTUSjlg1_i6t8kCHKm459WIhyw.woff2 	53.4KB	0ms
GOOGLE TAG MANAGER	161KB	0ms
<ul style="list-style-type: none"> https://www.googletagmanager.com/gtag/js?id=G-60B9Q1YFHQ https://www.googletagmanager.com/gtm.js?id=GTM-MSPZMZ3 	92.9KB	0ms
LINKEDIN ADS	19.4KB	0ms
<ul style="list-style-type: none"> https://snap.licdn.com/li.ims-analytics/insight.min.js 	68.4KB	0ms
	17.0KB	0ms

N/A

Eliminate render-blocking resources FCP LCP

Nothing to do here, good job!

N/A

User Timing marks and measures

No user timings and/or marks found.