



Performance Report for: <https://loqus23.com/>

Report generated: Wed, Mar 13, 2024 10:03 PM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

B	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	90%	80%	525ms	4ms	0

Top Issues

High	Avoid enormous network payloads <small>LCP</small>	Total size was 6.75MB
Med	Use explicit width and height on image elements <small>CLS</small>	1 image found
Med	Serve static assets with an efficient cache policy	Potential savings of 6.45MB
Med	Use a Content Delivery Network (CDN)	58 resources found
Low	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 152ms

Page Details



Total Page Size - 7.45MB



Total Page Requests - 66



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

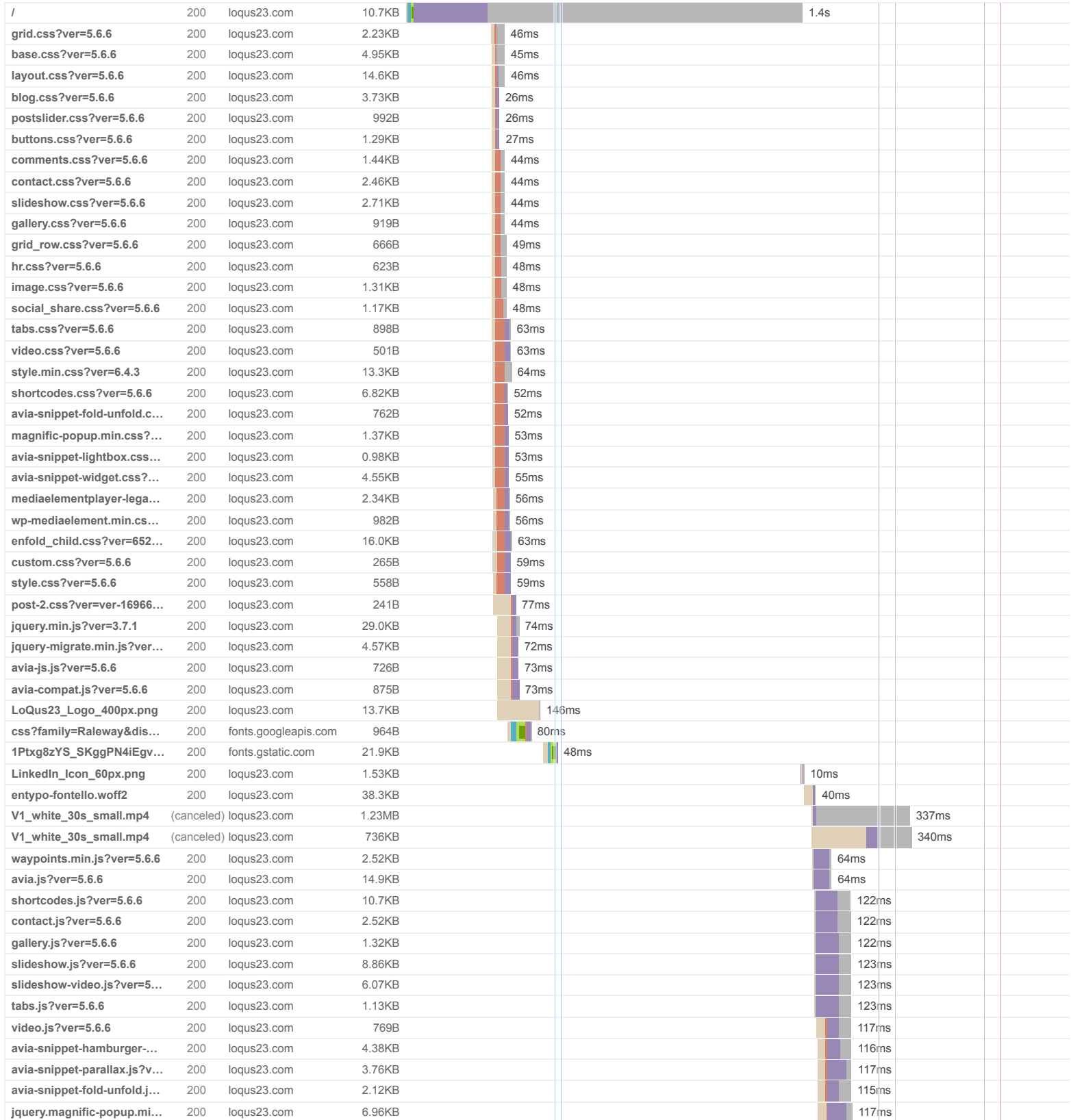


GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

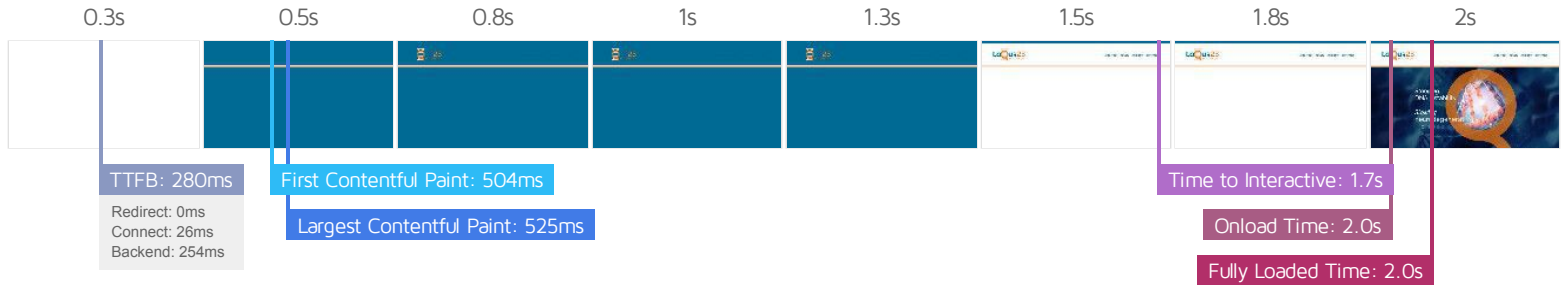
<https://carbon60.com/>

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.

LoQus23 Therapeutics – Stopping DNA instability; Slowing neurodegenerative disease



avia-snippet-lightbox.js?v...	200	loqus23.com	2.16KB		117ms	
avia-snippet-megamenu.j...	200	loqus23.com	1.71KB		117ms	
avia-snippet-sticky-head...	200	loqus23.com	1.12KB		115ms	
avia-snippet-footer-effect...	200	loqus23.com	596B		115ms	
avia-snippet-widget.js?ve...	200	loqus23.com	763B		118ms	
mediaelement-and-player....	200	loqus23.com	35.6KB		148ms	
mediaelement-migrate.mi...	200	loqus23.com	479B		117ms	
wp-mediaelement.min.js?...	200	loqus23.com	453B		117ms	
wp-emoji-release.min.js?...	200	loqus23.com	4.54KB		32ms	
V1_white_30s_small.mp4	(incomplete)	loqus23.com	5.17MB			>301ms
mejs-controls.svg	200	loqus23.com	1.29KB		14ms	
favicon.png	200	loqus23.com	2.42KB			6ms
icon-32x32.png	200	loqus23.com	4.61KB			20ms
66 Requests		7.45MB (8.33MB Uncompressed)		Fully Loaded 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>504ms</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>1.7s</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>Much longer than recommended</p> <p>5.2s</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>4ms</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>525ms</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</p>

Browser Timings

Redirect	0ms	Connect	26ms	Backend	254ms
TTFB	280ms	First Paint	504ms	DOM Int.	1.6s
DOM Loaded	1.6s	Onload	2.0s	Fully Loaded	2.0s

IMPACT AUDIT

Low **Reduce unused CSS** FCP LCP Potential savings of 41.2KB

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://loqus23.com/wp-content/uploads/dynamic_avia/enfold_child.css?ver=6521787a83c36	16.1KB	14.0KB
https://loqus23.com/wp-content/themes/enfold/css/layout.css?ver=5.6.6	14.7KB	13.8KB
https://loqus23.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	13.3KB	13.3KB

Low **Minify JavaScript** FCP LCP Potential savings of 16.9KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://loqus23.com/wp-content/themes/enfold/js/avia.js?ver=5.6.6	14.9KB	6.03KB
https://loqus23.com/wp-content/themes/enfold/js/shortcodes.js?ver=5.6.6	10.7KB	4.12KB
https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.js?ver=5.6.6	8.90KB	3.77KB
https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow-video.js?ver=5.6.6	6.10KB	3.02KB

Low **Avoid chaining critical requests** FCP LCP 55 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: **1.6s**

INITIAL NAVIGATION



<https://loqus23.com/wp-content/themes/enfold/css/custom.css?ver=5.6.6> 297B, 54ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/tabs/tabs.css?ver=5.6.6> 930B, 57ms

<https://loqus23.com/wp-content/themes/enfold/css/base.css?ver=5.6.6> 4.98KB, 41ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/comments/comments.css?ver=5.6.6> 1.47KB, 40ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/tabs/tabs.js?ver=5.6.6> 1.16KB, 121ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/image/image.css?ver=5.6.6> 1.34KB, 45ms

<https://loqus23.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3> 13.3KB, 59ms

<https://loqus23.com/wp-includes/js/mediaelement/mediaelementplayer-legacy.min.css?ver=4.2.17> 2.39KB, 51ms

<https://loqus23.com/wp-includes/js/mediaelement/wp-mediaelement.min.css?ver=6.4.3> 1.01KB, 51ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/contact/contact.css?ver=5.6.6> 2.49KB, 40ms

<https://loqus23.com/wp-content/themes/enfold/js/avia-snippet-parallax.js?ver=5.6.6> 3.80KB, 92ms

<https://loqus23.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1> 29.1KB, 49ms

<https://loqus23.com/wp-content/themes/enfold/js/avia-snippet-hamburger-menu.js?ver=5.6.6> 4.42KB, 92ms

<https://loqus23.com/wp-includes/js/mediaelement/mediaelement-migrate.min.js?ver=6.4.3> 534B, 92ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/postslider/postslider.css?ver=5.6.6> 1.00KB, 23ms

<https://loqus23.com/wp-content/themes/enfold/css/avia-snippet-lightbox.css?ver=5.6.6> 1.01KB, 48ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.css?ver=5.6.6> 2.74KB, 40ms

<https://loqus23.com/wp-content/themes/enfold/js/avia.js?ver=5.6.6> 14.9KB, 63ms

<https://loqus23.com/wp-content/themes/enfold/js/avia-snippet-sticky-header.js?ver=5.6.6> 1.15KB, 90ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/buttons/buttons.css?ver=5.6.6> 1.33KB, 24ms

<https://loqus23.com/wp-content/themes/enfold/js/avia-snippet-fold-unfold.js?ver=5.6.6> 2.16KB, 90ms

<https://loqus23.com/wp-content/themes/enfold/js/shortcodes.js?ver=5.6.6> 10.7KB, 120ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/slideshow/slideshow.js?ver=5.6.6> 8.90KB, 121ms

https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/grid_row/grid_row.css?ver=5.6.6 698B, 45ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-template-builder/assets/fonts/entypo-fontello.woff2> 38.4KB, 11ms

<https://loqus23.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1> 4.62KB, 47ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/gallery/gallery.css?ver=5.6.6> 951B, 40ms

<https://loqus23.com/wp-content/themes/enfold/js/avia-snippet-lightbox.js?ver=5.6.6> 2.19KB, 92ms

<https://loqus23.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.17> 35.7KB, 123ms

<https://loqus23.com/wp-content/themes/enfold/js/aviapopup/jquery.magnific-popup.min.js?ver=5.6.6> 7.02KB, 92ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/blog/blog.css?ver=5.6.6> 3.79KB, 23ms

<https://loqus23.com/wp-content/themes/enfold/css/grid.css?ver=5.6.6> 2.34KB, 41ms

<https://loqus23.com/wp-content/themes/enfold/js/aviapopup/magnific-popup.min.css?ver=5.6.6> 1.40KB, 48ms

<https://loqus23.com/wp-content/themes/enfold/js/avia-snippet-footer-effects.js?ver=5.6.6> 631B, 90ms

<https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/video/video.js?ver=5.6.6> 817B, 91ms

<https://loqus23.com/wp-content/themes/enfold/js/waypoints/waypoints.min.js?ver=5.6.6> 2.55KB, 63ms

<https://loqus23.com/wp-content/themes/enfold/css/avia-snippet-widget.css?ver=5.6.6> 4.58KB, 50ms

https://loqus23.com/wp-content/uploads/dynamic_avia/enfold_child.css?ver=6521787a83c36 16.1KB, 58ms

<https://loqus23.com/wp-content/themes/enfold/css/avia-snippet-fold-unfold.css?ver=5.6.6> 794B, 47ms

https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-shortcodes/social_share/social_share.css?ver=5.6.6 1.21KB, 45ms

<https://fonts.googleapis.com/css?family=Raleway&display=auto> 964B, 73ms

https://fonts.gstatic.com/s/raleway/v29/1Ptxg8zYS_SKggPN4iEgynHyvveLxVvaorCIPrE.woff2 22.4KB, 35ms

Low

Ensure text remains visible during webfont load

FCP

LCP

2 fonts found

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

URL	POTENTIAL SAVINGS
<ul style="list-style-type: none">https://fonts.gstatic.com/s/raleway/v29/1Ptxg8zYS_SKggPN4iEgynHyvveLxVvaorClPrE.woff2	35ms
<ul style="list-style-type: none">https://loqus23.com/wp-content/themes/enfold/config-templatebuilder/avia-template-builder/assets/fonts/entypo-fontello.woff2	11ms

Low **Avoid long main-thread tasks** TBT 1 long task found

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

URL	START TIME	DURATION
<ul style="list-style-type: none">https://loqus23.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	1.6s	54ms

Low **Reduce JavaScript execution time** TBT 240ms 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
<ul style="list-style-type: none">https://loqus23.com/	339ms	33ms	2ms
<ul style="list-style-type: none">Unattributable	209ms	12ms	0ms
<ul style="list-style-type: none">https://loqus23.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	199ms	127ms	1ms
<ul style="list-style-type: none">https://loqus23.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.17	76ms	60ms	2ms

Low **Reduce initial server response time** FCP LCP Root document took 253ms

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

URL	TIME SPENT
<ul style="list-style-type: none">https://loqus23.com/	253ms

Low **Minify CSS** FCP LCP Potential savings of 2.88KB

Minifying CSS files can reduce network payload sizes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<ul style="list-style-type: none">https://loqus23.com/wp-content/themes/enfold/css/layout.css?ver=5.6.6	14.7KB	2.88KB

N/A **Avoid an excessive DOM size** TBT 233 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

STATISTIC	ELEMENT	VALUE
Total DOM Elements		233
Maximum DOM Depth	div.mejs-time-rail > span.mejs-time-total > span.mejs-time-handle > span.mejs-time-handle-content 	15
Maximum Child Elements	body#top <body id="top" class="home page-template-default page page-id-2 stretched rtl_columns av-curtain..." itemscope="itemscope" itemtype="https://schema.org/WebPage">	27

N/A **Largest Contentful Paint element** LCP 530 ms

This is the largest contentful element painted within the viewport.

ELEMENT

LoQus23 Therapeutics

```

```

PHASE	% OF LCP	TIMING
TTFB	53%	280ms
Load Delay	33%	171ms
Load Time	1%	5ms
Render Delay	13%	68ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 6.62KB

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://loqus23.com/wp-content/themes/enfold/js/avia.js?ver=5.6.6 Line:8 Column:1 <code>Array.isArray</code>	6.57KB
https://loqus23.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.17 Line:11 Column:12531 <code>@babel/plugin-transform-classes</code>	50B

N/A **Avoid large layout shifts** CLS 4 elements found

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

ELEMENT	CLS CONTRIBUTION
ABOUT US NEWS CAREERS CONTACT <div class="avia-menu av-main-nav-wrap">	0.00
ABOUT US <li role="menuitem" id="menu-item-29" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-has-child" style="">	0.00
CAREERS <li role="menuitem" id="menu-item-471" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-top-level" style="">	0.00
NEWS <li role="menuitem" id="menu-item-213" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-top-level" style="">	0.00

N/A **Minimize main-thread work** TBT Main-thread busy for 912ms

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

CATEGORY	TIME SPENT
Other	424ms
Script Evaluation	255ms
Style & Layout	144ms
Parse HTML & CSS	59ms
Rendering	14ms
Script Parsing & Compilation	13ms

N/A **Reduce the impact of third-party code** TBT Total size was 23.4KB

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
GOOGLE FONTS	23.4KB	0ms
<ul style="list-style-type: none"> https://fonts.gstatic.com/s/raleway/v29/1Ptxg8zYS_SKggPN4iEgvnHyvveLxVvaorCIPrE.woff2 	22.4KB	0ms

N/A **User Timing marks and measures**

No user timings and/or marks found.