



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

Report generated: Mon, Mar 11, 2024 9:29 AM -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
	86%	84%	1.7s	56ms	0

Top Issues

Med	Use a Content Delivery Network (CDN)	123 resources found
Med	Use explicit width and height on image elements <small>CLS</small>	23 images found
Med	Avoid an excessive DOM size <small>TBT</small>	1,665 elements
Med	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 360ms
Low	Avoid enormous network payloads <small>LCP</small>	Total size was 2.60MB

Page Details



Total Page Size - 2.59MB



Total Page Requests - 145



■ 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

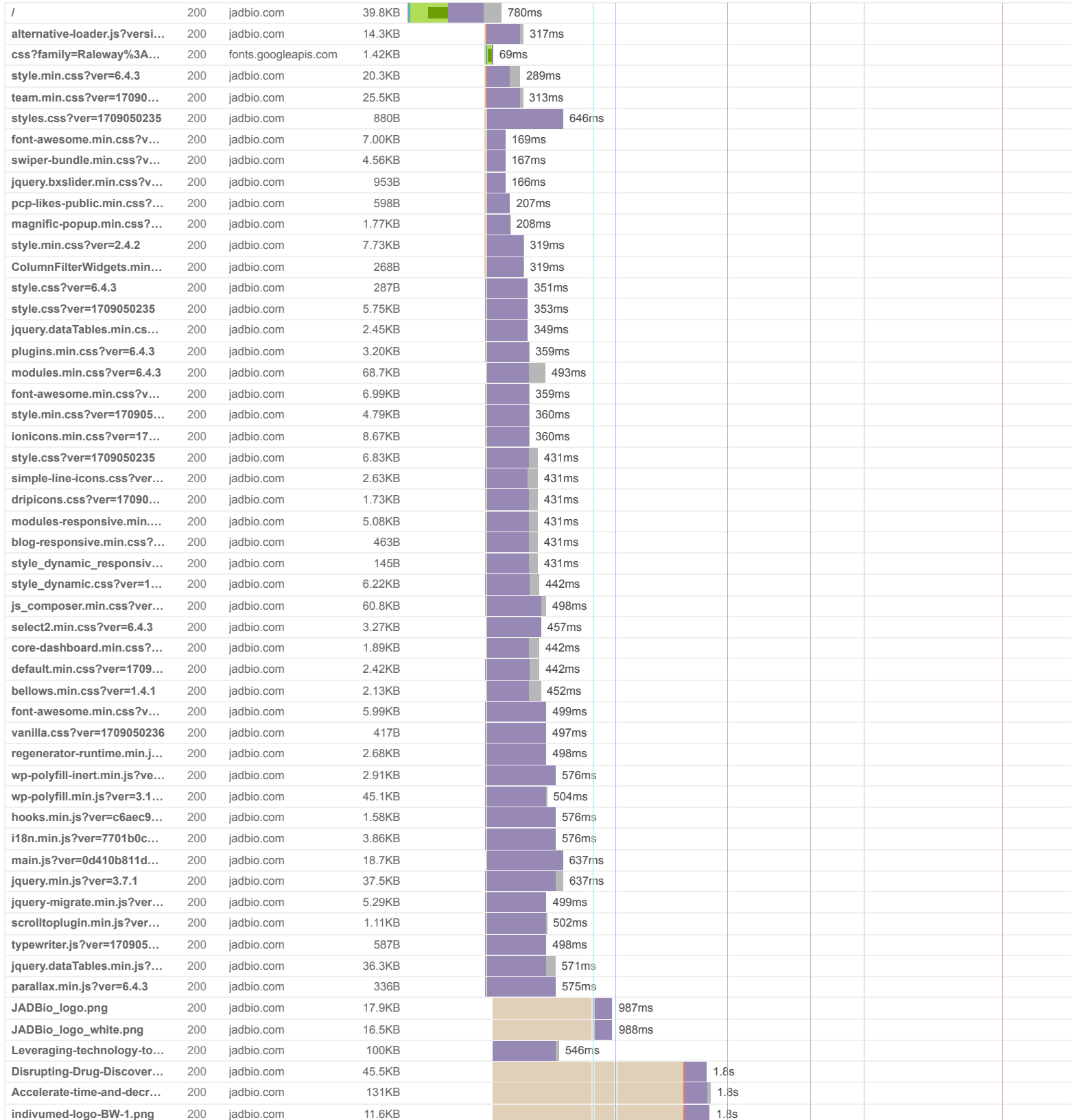


GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

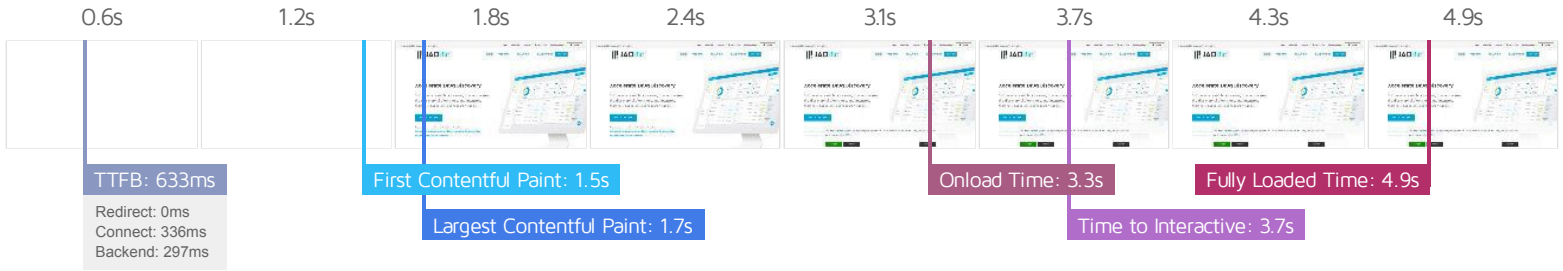
<https://carbon60.com/>

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.

JADBio Accelerate Biomarker Discovery - AutoML



indivumed-logo-400px-1....	200	jadbio.com	13.9KB						1.3s				
Qiagen_Logo-BW.png	200	jadbio.com	29.2KB						1.3s				
Qiagen_Logo-400px-1.png	200	jadbio.com	41.6KB						1.3s				
ledidi_logo-BW.png	200	jadbio.com	9.43KB						1.3s				
ledidi_logo.png	200	jadbio.com	9.8KB						1.3s				
biolizard-logoBW1-1.png	200	jadbio.com	11.8KB						1.3s				
biolizard-logo1-1.png	200	jadbio.com	16.1KB						1.3s				
Elucidata-logo-BW-1.png	200	jadbio.com	3.18KB						1.3s				
Elucidata-logo-320X320-1...	200	jadbio.com	3.16KB						1.3s				
aws-marketplace-logo-B...	200	jadbio.com	13.1KB						1.3s				
aws-marketplace-logo.png	200	jadbio.com	15.1KB						1.3s				
Filgen-logo_BW.png	200	jadbio.com	12.1KB						1.3s				
Filgen-logo.png	200	jadbio.com	22.2KB						1.3s				
JADBio-JADai-Newsletter...	200	jadbio.com	41.5KB						1.3s				
SourceForge.png	200	jadbio.com	11.7KB						1.3s				
8eaa61477d80650d3b051...	200	assets.capterra.com	20.0KB						1.6s				
JADBio-icon-60x90px.png	200	jadbio.com	1.36KB						1.3s				
dashicons.min.css?ver=1...	200	jadbio.com	34.9KB					681ms					
gdpr-cookie-consent-publ...	200	jadbio.com	8.05KB					709ms					
team.min.js?ver=1.10.2	200	jadbio.com	21.4KB					752ms					
index.js?ver=1709050236	200	jadbio.com	4.63KB					753ms					
pcp-likes-public.js?ver=1...	200	jadbio.com	494B					753ms					
core.min.js?ver=1.13.2	200	jadbio.com	8.15KB					749ms					
tabs.min.js?ver=1.13.2	200	jadbio.com	4.65KB					758ms					
accordion.min.js?ver=1.1...	200	jadbio.com	3.22KB					750ms					
mediaelement-and-player....	200	jadbio.com	55.8KB					848ms					
mediaelement-migrate.mi...	200	jadbio.com	540B					1s					
wp-mediaelement.min.js?...	200	jadbio.com	542B					1.1s					
mouse.min.js?ver=1.13.2	200	jadbio.com	1.20KB					1.1s					
slider.min.js?ver=1.13.2	200	jadbio.com	3.63KB					1.1s					
jquery.appear.js?ver=170...	200	jadbio.com	677B					1.1s					
modernizr.custom.85257.j...	200	jadbio.com	6.17KB					1.1s					
hoverIntent.min.js?ver=1....	200	jadbio.com	707B					1.2s					
jquery.plugin.js?ver=1709...	200	jadbio.com	1.42KB					1.2s					
jquery.countdown.min.js?...	200	jadbio.com	5.89KB					1.2s					
owl.carousel.min.js?ver=...	200	jadbio.com	8.00KB					1.2s					
easypiechart.js?ver=1709...	200	jadbio.com	1.70KB					1.2s					
jquery.waypoints.min.js?...	200	jadbio.com	3.07KB					1.2s					
Chart.min.js?ver=6.4.3	200	jadbio.com	17.7KB					1.2s					
counter.js?ver=1709050236	200	jadbio.com	384B					1.2s					
fluidvids.min.js?ver=6.4.3	200	jadbio.com	739B					1.3s					
jquery.prettyPhoto.js?ver...	200	jadbio.com	7.17KB					1.3s					
jquery.nicescroll.min.js?v...	200	jadbio.com	21.2KB					1.3s					
TweenLite.min.js?ver=6.4.3	200	jadbio.com	10.3KB					1.4s					
jquery.mixitup.min.js?ver...	200	jadbio.com	10.3KB					1.4s					
jquery.waitforimages.js?v...	200	jadbio.com	789B					1.4s					
jquery.infinitemin.js...	200	jadbio.com	12.7KB					1.4s					
jquery.easing.1.3.js?ver=...	200	jadbio.com	893B					1.4s					
particles.min.js?ver=6.4.3	200	jadbio.com	7.44KB					1.5s					
skrollr.js?ver=1709050236	200	jadbio.com	7.75KB					1.5s					
bootstrapCarousel.js?ver...	200	jadbio.com	2.25KB					1.5s					
jquery.touchSwipe.min.js...	200	jadbio.com	4.40KB					1.6s					
absoluteCounter.min.js?v...	200	jadbio.com	652B					1.6s					
jquery.draggable.min.js?v...	200	jadbio.com	10.4KB					1.6s					
jquery.touchpunch.min.js...	200	jadbio.com	597B					1.6s					
isotope.pkgd.min.js?ver=...	200	jadbio.com	12.9KB					1.6s					
smoothPageScroll.js?ver...	200	jadbio.com	361B					1.7s					
modules.min.js?ver=6.4.3	200	jadbio.com	24.1KB					1.7s					
comment-reply.min.js?ve...	200	jadbio.com	1.44KB					1.7s					
js_composer_front.min.js...	200	jadbio.com	6.92KB					1.7s					
like.min.js?ver=1.0	200	jadbio.com	310B					1.7s					
api.js?render=6Ld6j08fA...	200	google.com	1.16KB					1.5s					



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>Longer than recommended</p> <p>1.5s</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>Longer than recommended</p> <p>3.7s</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>OK, but consider improvement</p> <p>1.7s</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>56ms</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>Longer than recommended</p> <p>1.7s</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	336ms	Backend	297ms
TTFB	633ms	First Paint	1.5s	DOM Int.	2.6s
DOM Loaded	2.6s	Onload	3.3s	Fully Loaded	4.9s

IMPACT AUDIT

Low

Use passive listeners to improve scrolling performance

1 event listener not passive

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance.

URL

LOCATION

- <https://jadbio.com/jadbio/wp-includes/js/jquery/jquery.min.js?ver=3.7.1>

Line:1

Low

Avoid long main-thread tasks TBT

5 long tasks found

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

URL

START TIME

DURATION

- <https://jadbio.com/> 1.4s 115ms
- https://www.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/recaptcha_en.js 3.2s 82ms
- <https://jadbio.com/jadbio/wp-includes/js/jquery/jquery.min.js?ver=3.7.1> 2.7s 68ms
- https://www.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/recaptcha_en.js 3.7s 52ms
- https://www.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/recaptcha_en.js 3.6s 52ms

Low

Avoid chaining critical requests FCP LCP

99 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: **2.5s**

INITIAL NAVIGATION



<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.infiniteScroll.min.js?ver=6.4.3> 12.7KB, 166ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules.min.js?ver=6.4.3> 24.1KB, 179ms

<https://jadbio.com/jadbio/wp-content/plugins/bellows-accordion-menu/assets/css/bellows.min.css?ver=1.4.1> 2.19KB, 450ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/css/modules-responsive.min.css?ver=6.4.3> 5.12KB, 430ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.mixitup.min.js?ver=6.4.3> 10.3KB, 168ms

<https://jadbio.com/jadbio/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3> 20.3KB, 285ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/smoothPageScroll.js?ver=1709050236> 397B, 163ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.waypoints.min.js?ver=6.4.3> 3.11KB, 158ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/contact-form-7/modules/recaptcha/index.js?ver=1709050236> 519B, 179ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/font-awesome/css/font-awesome.min.css?ver=1709050235> 7.03KB, 358ms

<https://jadbio.com/jadbio/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0> 45.1KB, 503ms

<https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/js/isotope.min.js?ver=2.4.2> 14.5KB, 199ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/css/font-awesome.min.css?ver=1709050235> 7.04KB, 165ms

https://jadbio.com/jadbio/wp-content/plugins/js_composer/assets/js/dist/js_composer_front.min.js?ver=6.8.0 6.95KB, 179ms

<https://jadbio.com/jadbio/wp-includes/js/dist/i18n.min.js?ver=7701b0c3857f914212ef> 3.89KB, 574ms

<https://jadbio.com/jadbio/wp-includes/js/jquery/ui/accordion.min.js?ver=1.13.2> 3.25KB, 166ms

<https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/js/jquery.bxslider.min.js?ver=2.4.2> 9.60KB, 194ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/fluidvids.min.js?ver=6.4.3> 775B, 155ms

<https://jadbio.com/jadbio/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2> 2.94KB, 574ms

<https://jadbio.com/jadbio/wp-content/plugins/gdpr-cookie-consent/public/css/gdpr-cookie-consent-public.min.css?ver=2.2.2> 8.11KB, 164ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/1.10.25/js/jquery.dataTables.min.js?ver=1709050236> 36.3KB, 570ms

<https://jadbio.com/jadbio/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.14.0> 2.74KB, 496ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/tablepress/css/default.min.css?ver=1709050236> 2.48KB, 441ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.touchpunch.min.js?ver=6.4.3> 633B, 158ms

https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/style_dynamic.css?ver=1709050235 6.25KB, 441ms

<https://jadbio.com/jadbio/wp-content/themes/startit-child/assets/js/modules/plugins/parallax.min.js?ver=6.4.3> 395B, 574ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/TweenLite.min.js?ver=6.4.3> 10.3KB, 165ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/gdpr-cookie-consent/public/js/bootstrap/bootstrap.bundle.js?ver=1709050236> 45.3KB, 200ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit-child/assets/js/typewriter.js?ver=1709050236> 623B, 497ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/css/swiper-bundle.min.css?ver=1709050235> 4.62KB, 162ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/dripicons/dripicons.css?ver=1709050235> 1.77KB, 429ms

<https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/js/swiper-bundle.min.js?ver=2.4.2> 61.5KB, 224ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=1709050235> 916B, 641ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/ion-icons/css/ionicons.min.css?ver=1709050235> 8.70KB, 358ms

<https://jadbio.com/jadbio/wp-includes/js/jquery/jquery.min.js?ver=3.7.1> 37.5KB, 635ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/scrolltopugin.min.js?ver=6.4.3> 1.16KB, 500ms

<https://jadbio.com/jadbio/wp-content/plugins/gdpr-cookie-consent/public/js/gdpr-cookie-consent-public.min.js?ver=2.2.2%27%20async=%27async> 9.8KB, 197ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/css/modules.min.css?ver=6.4.3> 68.7KB, 492ms

<https://jadbio.com/jadbio/wp-content/themes/startit/style.css?ver=6.4.3> 346B, 346ms

<https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/Chart.min.js?ver=6.4.3> 17.7KB, 162ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.appear.js?ver=1709050236> 713B, 156ms

<https://jadbio.com/jadbio/wp-includes/js/hoverIntent.min.js?ver=1.10.2> 789B, 154ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/bellows-accordion-menu/assets/css/skins/vanilla.css?ver=1709050236> 499B, 496ms

<https://jadbio.com/jadbio/wp-content/cache/min/1/1.10.25/css/jquery.dataTables.min.css?ver=1709050235> 2.48KB, 347ms

https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/style_dynamic_responsive.css?ver=1709050235 181B, 430ms

- <https://jadbio.com/jadbio/wp-content/plugins/nelio-ab-testing/assets/dist/js/main.js?ver=0d410b811dd8498f02db061fc98adf7a> 18.7KB, 635ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/counter.js?ver=1709050236> 420B, 156ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.waitforimages.js?ver=1709050236> 825B, 167ms
- <https://jadbio.com/jadbio/wp-includes/js/jquery/ui/mouse.min.js?ver=1.13.2> 1.24KB, 155ms
- <https://jadbio.com/jadbio/wp-includes/js/jquery/ui/core.min.js?ver=1.13.2> 8.18KB, 165ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/assets/css/blog-responsive.min.css?ver=6.4.3> 522B, 430ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/absoluteCounter.min.js?ver=6.4.3> 688B, 155ms
- <https://jadbio.com/jadbio/wp-includes/js/dist/hooks.min.js?ver=c6aec9a8d4e5a5d543a1> 1.62KB, 574ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/bootstrapCarousel.js?ver=1709050236> 2.28KB, 157ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.easing.1.3.js?ver=1709050236> 929B, 166ms
- <https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/css/magnific-popup.min.css?ver=2.4.2> 1.81KB, 203ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/aws-team-pro/css/team.min.css?ver=1709050235> 25.5KB, 309ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.prettyPhoto.js?ver=1709050236> 7.21KB, 155ms
- <https://jadbio.com/jadbio/wp-includes/js/mediaelement/wp-mediaelement.min.js?ver=6.4.3> 578B, 154ms
- <https://jadbio.com/jadbio/wp-content/plugins/aws-team-pro/js/team.min.js?ver=1.10.2> 21.4KB, 169ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/elegant-icons/style.min.css?ver=1709050235> 4.83KB, 358ms
- https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/js_composer/assets/css/js_composer.min.css?ver=1709050236 60.8KB, 496ms
- <https://jadbio.com/jadbio/wp-includes/js/mediaelement/mediaelement-migrate.min.js?ver=6.4.3> 576B, 154ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/modernizr.custom.85257.js?ver=1709050236> 6.21KB, 157ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/skrollr.js?ver=1709050236> 7.78KB, 160ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/particles.min.js?ver=6.4.3> 7.48KB, 158ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/css/simple-line-icons/simple-line-icons.css?ver=1709050235> 2.67KB, 429ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-includes/css/dashicons.min.css?ver=1709050236> 34.9KB, 166ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.draggable.min.js?ver=6.4.3> 10.5KB, 162ms
- <https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/css/pcp-likes-public.min.css?ver=2.4.2> 634B, 203ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/like.min.js?ver=1.0> 345B, 179ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.plugin.js?ver=1709050236> 1.45KB, 155ms
- <https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/css/style.min.css?ver=2.4.2> 7.76KB, 315ms
- <https://www.google.com/recaptcha/api.js?render=6Ld6j08fAAAAAPH5zgsaFj0LeAl6YgKlcoH8bSB4&ver=3.0> 1.16KB, 56ms
- <https://jadbio.com/jadbio/wp-content/plugins/bellows-accordion-menu/assets/js/bellows.min.js?ver=1.4.1> 1.47KB, 192ms
- <https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/css/jquery.bxslider.min.css?ver=2.4.2> 1.06KB, 161ms
- <https://jadbio.com/jadbio/wp-includes/js/jquery/ui/slider.min.js?ver=1.13.2> 3.66KB, 156ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/assets/css/plugins.min.css?ver=6.4.3> 3.26KB, 358ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/easypiechart.js?ver=1709050236> 1.73KB, 163ms
- <https://jadbio.com/jadbio/wp-content/themes/startit/framework/admin/assets/css/select2.min.css?ver=6.4.3> 3.33KB, 455ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/bellows-accordion-menu/assets/css/fontawesome/css/font-awesome.min.css?ver=1709050236> 6.03KB, 497ms
- <https://jadbio.com/jadbio/wp-content/plugins/bellows-accordion-menu/assets/css/fontawesome/fonts/fontawesome-webfont.woff2?v=4.4.0> 63.1KB, 157ms
- <https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit-child/style.css?ver=1709050235> 5.78KB, 348ms
- <https://jadbio.com/jadbio/wp-content/themes/startit-child/assets/fonts/CeraPro-Bold.woff2> 44.8KB, 159ms
- <https://jadbio.com/jadbio/wp-content/themes/startit-child/assets/fonts/CeraPro-Regular.woff2> 45.5KB, 157ms

Low

Reduce JavaScript execution time TBT

537ms 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://jadbio.com/	600ms	7ms	3ms
• https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.countdown.min.js?ver=6.4.3	523ms	45ms	0ms
• https://www.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/recaptcha_en.js	372ms	346ms	6ms
• Unattributable	324ms	15ms	0ms
• https://jadbio.com/jadbio/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	196ms	110ms	1ms

Low

Serve images in next-gen formats

Potential savings of 645KB

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://jadbio.com/jadbio/wp-content/uploads/2022/12/dashboard-jadbio.png?id=9340	223KB	184KB
https://jadbio.com/jadbio/wp-content/uploads/2022/10/JADBio-Data-types-1536x864.png	158KB	111KB
https://jadbio.com/jadbio/wp-content/uploads/2023/01/Accelerate-time-and-decrease-costs-with-JADBio-1-1536x768.png	131KB	87.2KB
https://jadbio.com/jadbio/wp-content/uploads/2023/01/Leveraging-technology-to-speed-up-the-process.png	100KB	63.4KB
https://jadbio.com/jadbio/wp-content/uploads/2023/01/Disrupting-Drug-Discovery-at-All-Stages.png	45.5KB	32.1KB
https://jadbio.com/jadbio/wp-content/uploads/2021/01/JADBio-JADai-Newsletter-Signup-300x300.png	41.5KB	31.6KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/Qiagen_Logo-400px-1.png	41.6KB	31.4KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/Qiagen_Logo-BW.png	29.2KB	21.5KB
https://jadbio.com/jadbio/wp-content/uploads/2022/12/Filgen-logo.png	22.2KB	17.8KB
https://jadbio.com/jadbio/wp-content/uploads/2021/09/biolizard-logo1-1.png	16.1KB	12.1KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/indivumed-logo-400px-1.png	13.9KB	9.21KB
https://jadbio.com/jadbio/wp-content/uploads/2022/12/Filgen-logo_BW.png	12.1KB	9.08KB
https://jadbio.com/jadbio/wp-content/uploads/2021/09/biolizard-logoBW1-1.png	11.8KB	9.07KB
https://jadbio.com/jadbio/wp-content/uploads/2022/03/aws-marketplace-logo.png	15.1KB	8.92KB
https://www.jadbio.com/jadbio/wp-content/uploads/2020/12/JADBio_logo.png	17.9KB	8.74KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/indivumed-logo-BW-1.png	11.6KB	8.07KB

Low

Defer offscreen images

Potential savings of 285KB

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://jadbio.com/jadbio/wp-content/uploads/2021/06/Qiagen_Logo-400px-1.png	41.6KB	41.6KB
https://jadbio.com/jadbio/wp-content/uploads/2021/01/JADBio-JADai-Newsletter-Signup-300x300.png	41.5KB	41.5KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/Qiagen_Logo-BW.png	29.2KB	29.2KB
https://jadbio.com/jadbio/wp-content/uploads/2022/12/Filgen-logo.png	22.2KB	22.2KB
https://assets.capterra.com/badge/8eaa61477d80650d3b051376c4d8f35c.svg?v=2154910&p=214985	20.0KB	20.0KB
https://jadbio.com/jadbio/wp-content/uploads/2021/09/biolizard-logo1-1.png	16.1KB	16.1KB
https://jadbio.com/jadbio/wp-content/uploads/2022/03/aws-marketplace-logo.png	15.1KB	15.1KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/indivumed-logo-400px-1.png	13.9KB	13.9KB
https://jadbio.com/jadbio/wp-content/uploads/2022/03/aws-marketplace-logo-BW.png	13.1KB	13.1KB
https://jadbio.com/jadbio/wp-content/uploads/2022/12/Filgen-logo_BW.png	12.1KB	12.1KB
https://jadbio.com/jadbio/wp-content/uploads/2021/09/biolizard-logoBW1-1.png	11.8KB	11.8KB
https://jadbio.com/jadbio/wp-content/uploads/2022/02/SourceForge.png	11.7KB	11.7KB
https://jadbio.com/jadbio/wp-content/uploads/2021/06/indivumed-logo-BW-1.png	11.6KB	11.6KB
https://jadbio.com/jadbio/wp-content/uploads/2021/10/ledidi_logo.png	9.8KB	9.8KB
https://jadbio.com/jadbio/wp-content/uploads/2021/10/ledidi_logo-BW.png	9.43KB	9.43KB
https://jadbio.com/jadbio/wp-content/uploads/2022/01/Elucidata-logo-BW-1.png	3.18KB	3.18KB
https://jadbio.com/jadbio/wp-content/uploads/2022/01/Elucidata-logo-320X320-1.png	3.16KB	3.16KB

Low

Properly size images

Potential savings of 306KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://jadbio.com/jadbio/wp-content/uploads/2022/10/JADBio-Data-types-1536x864.png	158KB	123KB
https://jadbio.com/jadbio/wp-content/uploads/2023/01/Accelerate-time-and-decrease-costs-with-JADBio-1-1536x768.png	131KB	63.6KB
https://jadbio.com/jadbio/wp-content/uploads/2023/01/Leveraging-technology-to-speed-up-the-process.png	100KB	56.9KB
https://jadbio.com/jadbio/wp-content/uploads/2023/01/Disrupting-Drug-Discovery-at-All-Stages.png	45.5KB	30.3KB
https://www.jadbio.com/jadbio/wp-content/uploads/2020/12/JADBio_logo_white.png	16.5KB	14.6KB
https://jadbio.com/jadbio/wp-content/uploads/2022/12/Filgen-logo.png	22.2KB	11.7KB
https://jadbio.com/jadbio/wp-content/uploads/2022/12/Filgen-logo_BW.png	12.1KB	6.36KB

Low

Serve static assets with an efficient cache policy

Potential savings of 8.65KB

A long cache lifetime can speed up repeat visits to your page.

URL	CACHE TTL	TRANSFER SIZE
https://assets.capterra.com/badge/8eaa61477d80650d3b051376c4d8f35c.svg?v=2154910&p=214985	22 hours	20.4KB
https://www.gstatic.com/recaptcha/api2/logo_48.png	7 days	2.31KB

Low

Reduce unused CSS FCP LCP

Potential savings of 206KB

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://jadbio.com/jadbio/wp-content/themes/startit/assets/css/modules.min.css?ver=6.4.3	68.7KB	64.9KB
https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/js_composer/assets/css/js_composer.min.css?ver=1709050236	60.8KB	60.5KB
https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-includes/css/dashicons.min.css?ver=1709050236	34.9KB	34.9KB
https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/awsm-team-pro/css/team.min.css?ver=1709050235	25.5KB	25.5KB
https://jadbio.com/jadbio/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	20.3KB	20.0KB

Low **Reduce initial server response time** FCP LCP Root document took 296ms

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

URL	TIME SPENT
https://jadbio.com/	296ms

Low **Avoid non-composited animations** CLS 1 animated element found

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

ELEMENT	NAME
html.js <html lang="en-US" class=" js flexbox flexboxlegacy canvas canvastext no-touch hashchange history dr...">	
Unsupported CSS Property: box-shadow	box-shadow

Low **Reduce unused JavaScript** LCP Potential savings of 284KB

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.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/recaptcha_en.js	195KB	99KB
https://jadbio.com/jadbio/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.17	55.8KB	45.6KB
https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/gdpr-cookie-consent/public/js/bootstrap/bootstrap.bundle.js?ver=1709050236	45.3KB	35.8KB
https://jadbio.com/jadbio/wp-content/plugins/smart-post-show-pro/public/assets/js/swiper-bundle.min.js?ver=2.4.2	61.5KB	32.3KB
https://jadbio.com/jadbio/wp-content/cache/min/1/1.10.25/js/jquery.dataTables.min.js?ver=1709050236	36.3KB	30.2KB
https://jadbio.com/jadbio/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0	45.1KB	20.9KB
https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.nicescroll.min.js?ver=6.4.3	21.2KB	20.4KB

N/A **Largest Contentful Paint element** LCP 1,710 ms

This is the largest contentful element painted within the viewport.

ELEMENT
Accelerate Drug Discovery With no-code Machine Learning that automates the dis... <div class="vc_row wpb_row vc_row-fluid qodef-section vc_custom_1671630668124 qodef-co..." style="">

PHASE	% OF LCP	TIMING
TTFB	37%	633ms
Load Delay	49%	835ms
Load Time	9%	157ms
Render Delay	5%	80ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 31.5KB

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://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/themes/startit/assets/js/modules/plugins/easypiechart.js?ver=1709050236 Line:9 Column:686	11.0KB <code>Date.now</code>
https://jadbio.com/jadbio/wp-content/cache/min/1/1.10.25/jquery.dataTables.min.js?ver=1709050236 Line:16 Column:31807	10.7KB <code>Array.isArray</code>
https://jadbio.com/jadbio/wp-content/themes/startit/assets/js/modules/plugins/jquery.mixitup.min.js?ver=6.4.3 Line:13 Column:3618	9.47KB <code>Object.getPrototypeOf</code>
https://jadbio.com/jadbio/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.17 Line:11 Column:12531	79B <code>@babel/plugin-transform-classes</code>
https://jadbio.com/jadbio/wp-content/plugins/nelio-ab-testing/assets/dist/js/main.js?ver=0d410b811dd8498f02db061fc98adf7a Line:8 Column:28454	66B <code>@babel/plugin-transform-classes</code>
https://jadbio.com/jadbio/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2 Line:0 Column:452	62B <code>@babel/plugin-transform-classes</code>
https://jadbio.com/jadbio/wp-content/cache/min/1/jadbio/wp-content/plugins/gdpr-cookie-consent/public/js/bootstrap/bootstrap.bundle.js?ver=1709050236 Line:153 Column:110	60B <code>@babel/plugin-transform-classes</code>
https://jadbio.com/ Line:2 Column:615	25B <code>@babel/plugin-transform-classes</code>
https://jadbio.com/ Line:3 Column:524	25B <code>@babel/plugin-transform-classes</code>

N/A **Avoid large layout shifts** CLS 3 elements found

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

ELEMENT	CLS CONTRIBUTION
HOME PRODUCTS SOLUTIONS CASE STUDIES SIGN UP <div class="qodef-position-right">	0.00
News About Us Partners Pricing FAQ Documentation LOG IN <div id="nav_menu-2" class="widget widget_nav_menu qodef-top-bar-widget">	0.00
Nature, Precision Oncology 	0.00

N/A **Minimize main-thread work** TBT Main-thread busy for 2.3s

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

CATEGORY	TIME SPENT
Other	855ms
Script Evaluation	631ms
Style & Layout	540ms
Rendering	97ms
Parse HTML & CSS	65ms
Script Parsing & Compilation	49ms
Garbage Collection	13ms

N/A **Reduce the impact of third-party code** TBT Total size was 563KB

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 CDN	416KB	0ms
• https://www.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/recaptcha_en.js	390KB	0ms
• https://www.gstatic.com/recaptcha/releases/QquE1_MNjnFHgZF4HPsEcf_2/styles_ltr.css	24.6KB	0ms
GOOGLE FONTS	79.8KB	0ms
• https://fonts.gstatic.com/s/raleway/v29/1Ptug8zYS_SKggPNyC0ITw.woff2	47.6KB	0ms
• https://fonts.gstatic.com/s/roboto/v18/KFOmCnqEu92Fr1Mu4mxK.woff2	15.5KB	0ms
• https://fonts.gstatic.com/s/roboto/v18/KFOlCnqEu92Fr1MmEU9fBBc4.woff2	15.3KB	0ms
OTHER GOOGLE APIS/SDKS	46.0KB	0ms
• https://www.google.com/recaptcha/api2/anchor?ar=1&k=6Ld6j08fAAAAAPH5zgsaFj0LeAl6YgKlcoH8bSB4&co=aHR0cHM6Ly9qYWwRiaW8uY29tOjQ0Mw..&hl=en&v=QquE1_MNjnFHgZF4HPsEcf_2&size=invisible&cb=4erswmv0zgr9	28.0KB	0ms
• https://www.google.com/recaptcha/api2/reload?k=6Ld6j08fAAAAAPH5zgsaFj0LeAl6YgKlcoH8bSB4	9.51KB	0ms
• https://www.google.com/js/bg/722MIWu_TMZiQau3mAarHtCk2pd6rTYw5oNsH4wR_g.js	7.20KB	0ms
CAPTERRA.COM	20.4KB	0ms
• https://assets.capterra.com/badge/8eaa61477d80650d3b051376c4d8f35c.svg?v=2154910&p=214985	20.4KB	0ms

N/A

User Timing marks and measures

No user timings and/or marks found.