Executive Summary



Performance Report for:

https://bioinduction.com/

Report generated: Wed, Mar 13, 2024 2:12 AM -0700

Test Server Location: K London, UK

Using: O Chrome 117.0.0.0, Lighthouse 11.0.0



Performance 86%

Structure 100% L. Contentful Paint

2.3s

T. Blocking Time

78ms

C. Layout Shift

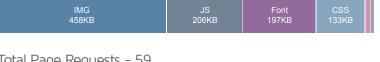
Top Issues



Page Details

2.3s **Fully Loaded Time**

Total Page Size - 1.00MB



Total Page Requests - 59



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/

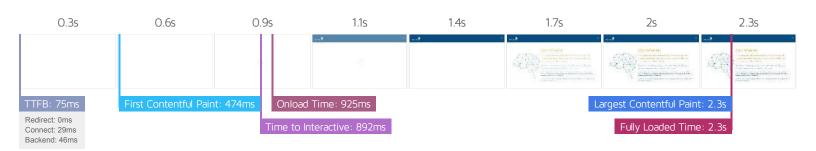


The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Picostim Skull Mounted DBS -	Bioindu	ction Ltd		
1	200	bioinduction.com	16.8KB	76ms
style.min.css?ver=6.4.3	200	bioinduction.com	14.7KB	43ms
styles.css?ver=5.6.4	200	bioinduction.com	1.20KB	31ms
style.css?ver=220404-550	200	bioinduction.com	577B	28ms
font-awesome-legacy.min	200	bioinduction.com	10.0KB	37ms
grid-system.css?ver=15.0.4	200	bioinduction.com	3.11KB	38ms
style.css?ver=15.0.4	200	bioinduction.com	30.2KB	78ms
element-flip-box.css?ver	200	bioinduction.com	1.54KB	65ms
element-fancy-unordered	200	bioinduction.com	681B	39ms
element-milestone.css?v	200	bioinduction.com	941B	62ms
	200		2.13KB	95ms
css?family=Open+Sans%		fonts.googleapis.com		
responsive.css?ver=15.0.4	200	bioinduction.com	7.76KB	39ms
select2.css?ver=4.0.1	200	bioinduction.com	2.35KB	60ms
skin-material.css?ver=15	200	bioinduction.com	9.35KB	64ms
menu-dynamic.css?ver=4	200	bioinduction.com	0.99KB	62ms
s_composer.min.css?ver	200	bioinduction.com	6.59KB	75ms
salient-dynamic-styles.cs	200	bioinduction.com	21.0KB	76ms
css?family=Montserrat%	200	fonts.googleapis.com	681B	94ms
query.min.js?ver=3.7.1	200	bioinduction.com	31.1KB	75ms
query-migrate.min.js?ver	200	bioinduction.com	5.20KB	68ms
ustom.js?ver=220404-55	200	bioinduction.com	1.10KB	69ms
Bio-logo-2_reversesded-c	200	bioinduction.com	54.0KB	280rns
Brain-idea-2.png	200	bioinduction.com	145KB	287 ms
quals-solid-300x193.png	200	bioinduction.com	2.60KB	285 ms
nimate.min.css?ver=6.9.1	200	bioinduction.com	4.35KB	168ms
tyle-non-critical.css?ver	200	bioinduction.com	5.37KB	168ms
query.fancybox.css?ver=	200	bioinduction.com	3.88KB	256ms
ore.css?ver=15.0.4	200	bioinduction.com	3.90KB	272ms
lide-out-right-hover.css?	200	bioinduction.com	1.95KB	250ms
ndex.js?ver=5.6.4	200	bioinduction.com	3.41KB	256ms
ndex.js?ver=5.6.4	200	bioinduction.com	4.37KB	246ms
encoder-form.js?ver=220	200	bioinduction.com	1.20KB	256ms
query.easing.min.js?ver=	200	bioinduction.com	1.34KB	252ms
query.mousewheel.min.j	200	bioinduction.com	1.65KB	252ms
priority.js?ver=15.0.4	200	bioinduction.com	1.25KB	254ms
ransit.min.js?ver=0.9.9	200	bioinduction.com	3.21KB	255ms
waypoints.js?ver=4.0.2	200	bioinduction.com	3.18KB	254ms
magesLoaded.min.js?ver	200	bioinduction.com	2.31KB	256ms
noverintent.min.js?ver=1.9	200	bioinduction.com	1.45KB	261ms
query.fancybox.min.js?v	200	bioinduction.com	22.3KB	2611IS 262ms
		bioinduction.com		
nime.min.js?ver=4.5.1	200		7.68KB	261ms
superfish.js?ver=1.5.8	200	bioinduction.com	2.56KB	256ms
nit.js?ver=15.0.4	200	bioinduction.com	76.5KB	277ms
ouchswipe.min.js?ver=1.0	200	bioinduction.com	3.82KB	267rhs
elect2.min.js?ver=4.0.1	200	bioinduction.com	18.7KB	270rns
omment-reply.min.js?ve	200	bioinduction.com	1.79KB	283ms
s_composer_front.min.js	200	bioinduction.com	6.78KB	275ms
ik-1.jpg	200	bioinduction.com	36.4KB	68rhs
vor-1.jpg	200	bioinduction.com	42.3KB	60ms
anton.jpg	200	bioinduction.com	43.3KB	59ms
khalid.jpg	200	bioinduction.com	42.2KB	62ms
jon-1.jpg	200	bioinduction.com	42.9KB	62ns
parry-1.jpg	200	bioinduction.com	48.8KB	58ms

59 Requests	1.00MB	(2.23MF	B Uncompressed)	Fully Loaded 2.3s	(Onload 925m	s)			
bio_logo_sq-150x150	.png	200	bioinduction.com	8.75KB				47ms	
wp-emoji-release.min	.js?	200	bioinduction.com	5.32KB			48n	ns	
icomoon.woff?v=1.3		200	bioinduction.com	21.2KB		166ms			
fontawesome-webfon	t.wo	200	bioinduction.com	96.3KB		189ms			
memvYaGs126MiZpB	A-U	200	fonts.gstatic.com	47.1KB		197ms			
JTUSjlg1_i6t8kCHKm	459	200	fonts.gstatic.com	32.3KB		197ms			





Performance Metrics

First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	Good - Nothing to do here	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Good - Nothing to do here
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	OK, but consider improvement 1.5s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Good - Nothing to do here
Largest Contentful Paint 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.	Longer than recommended 2.3s	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Good - Nothing to do here

Browser Timings

Redirect	Oms	Connect	29ms	Backend	46ms
TTFB	75ms	First Paint	474ms	DOM Int.	770ms
DOM Loaded	773ms	Onload	925ms	Fully Loaded	2.3s



Structure Audits

IMPACT AUDIT

URL

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.

POTENTIAL SAVINGS

• https://fonts.gstatic.com/s/montserrat/v26/JTUSjlg1_i6t8kCHKm459Wlhyw.woff2 https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.woff2 42ms 42ms

0ms

1ms

Avoid long main-thread tasks TBT

4 long tasks found

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

URL

START TIME **DURATION**

• https://bioinduction.com/ • https://bioinduction.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1 306ms 126ms 782ms 108ms

• https://bioinduction.com/ • https://bioinduction.com/ 667ms 70ms 103ms 57ms

Reduce JavaScript execution time TBT

175ms 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://bioinduction.com/

2ms 477ms 53ms

Unattributable

223ms 13ms

175ms 105ms

Reduce unused CSS FCP LCP

• https://bioinduction.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1

Potential savings of 55.5KB

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://bioinduction.com/wp-content/themes/salient/css/build/style.css?ver=15.0.4

30.2KB 26.2KB

• https://bioinduction.com/wp-content/themes/salient/css/salient-dynamic-styles.css?ver=78184

21.0KB 14.7KB

• https://bioinduction.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3

14.7KB 14.6KB

Serve images in next-gen formats

Potential savings of 224KB

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://bioinduction.com/wp-content/uploads/2019/03/Brain-idea-2.png	145KB	39.8KB
https://bioinduction.com/wp-content/uploads/2021/06/barry-1.jpg	48.3KB	32.2KB
https://bioinduction.com/wp-content/uploads/2021/06/anton.jpg	42.8KB	28.9KB
https://bioinduction.com/wp-content/uploads/2021/06/jon-1.jpg	42.4KB	28.4KB
https://bioinduction.com/wp-content/uploads/2021/06/ivor-1.jpg	41.7KB	27.8KB
https://bioinduction.com/wp-content/uploads/2021/06/khalid.jpg	41.7KB	26.9KB
https://bioinduction.com/wp-content/uploads/2021/06/nik-1.jpg	35.8KB	24.9KB
https://bioinduction.com/wp-content/uploads/2019/03/Bio-logo-2_reversesded-copy-1.png	53.5KB	15.4KB

Low

Avoid non-composited animations CLS

1 animated element found

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

ELEMENT

 ${\it div.} loading\hbox{-}icon > {\it div.} material\hbox{-}icon > {\it svg.} nectar\hbox{-}material\hbox{-}spinner > circle$

<circle stroke-linecap="round" cx="30" cy="30" r="26" fill="none" stroke-width="6">

Unsupported CSS Property: stroke-dashoffset

Unsupported CSS Property: stroke

nectar_material_loader_dash nectar_material_loader_colors

Low

Avoid chaining critical requests FCP LCP

42 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: 531ms

INITIAL NAVIGATION

https://bioinduction.com/ 16.8KB, 74ms

https://bioinduction.com/wp-content/themes/salient/css/build/grid-system.css?ver=15.0.4 3.11KB, 35ms

https://bioinduction.com/wp-content/plugins/js_composer_salient/assets/js/dist/js_composer_front.min.js?ver=6.9.1 🖸 6.78KB, 91ms

https://bioinduction.com/wp-content/plugins/salient-core/js/third-party/touchswipe.min.js?ver=1.0 3.82KB, 83ms

https://bioinduction.com/wp-content/themes/salient/css/build/style-non-critical.css?ver=15.0.4 5.37KB, 21ms

https://bioinduction.com/wp-content/themes/salient/js/build/priority_js?ver=15.0.4 1.25KB, 71ms

https://bioinduction.com/wp-content/themes/salient/css/build/elements/element-flip-box.css?ver=15.0.4 1.54KB, 60ms

https://bioinduction.com/wp-content/plugins/contact-form-7/includes/swv/js/index.js?ver=5.6.4 3.41KB, 73ms

https://bioinduction.com/wp-content/themes/salient/css/build/off-canvas/slide-out-right-hover.css?ver=15.0.4 1 1.95KB, 67ms

https://bioinduction.com/wp-content/themes/salient/css/build/off-canvas/core.css?ver=15.0.4 3.90KB, 89ms

https://bioinduction.com/wp-content/themes/salient/js/build/third-party/transit.min.js?ver=0.9.9 3.21KB, 72ms

https://bioinduction.com/wp-content/themes/salient/js/build/third-party/superfish.js?ver=1.5.8 2.56KB, 72ms

https://bioinduction.com/wp-content/plugins/email-encoder-bundle/core/includes/assets/css/style.css?ver=220404-55044 🗗 577B, 25ms

https://bioinduction.com/wp-content/themes/salient/css/build/skin-material.css?ver=15.0.4 7 9.35KB, 60ms

https://bioinduction.com/wp-content/plugins/email-encoder-bundle/core/includes/assets/js/encoder-form.js?ver=220404-55044 🖪 1.20KB, 73ms

https://bioinduction.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3 🗗 14.7KB, 40ms

https://bioinduction.com/wp-content/themes/salient/js/build/third-party/jquery_fancybox.min.js?ver=3.3.8 2 2.3KB, 79ms

https://bioinduction.com/wp-content/themes/salient/css/build/elements/element-fancy-unordered-list.css?ver=15.0.4 🗗 681B, 34ms

https://bioinduction.com/wp-content/themes/salient/css/build/plugins/jquery.fancybox.css?ver=3.3.1 3.88KB, 73ms

 $\underline{\text{https://bioinduction.com/wp-content/themes/salient/js/build/init.js?ver=15.0.4}} \ \ \overline{\text{c}} \ \ 76.5 \text{KB}, \ 94 \text{ms}$

https://bioinduction.com/wp-content/themes/salient/css/build/responsive.css?ver=15.0.4 7.76KB, 35ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/jquery.mousewheel.min.js?ver=3.1.13 1.65KB, 69ms https://bioinduction.com/wp-content/themes/salient/css/salient-dynamic-styles.css?ver=78184 21.0KB, 72ms https://bioinduction.com/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.6.4 4.37KB, 63ms https://bioinduction.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1 31.1KB, 71ms https://bioinduction.com/wp-includes/js/jguery/jguery-migrate.min.js?ver=3.4.1 5.20KB, 64ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/jquery.easing.min.js?ver=1.3 1.34KB, 69ms https://bioinduction.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=5.6.4 1.20KB, 28ms https://bioinduction.com/wp-content/plugins/email-encoder-bundle/core/includes/assets/js/custom.js?ver=220404-55044 🖪 1.10KB, 64ms https://bioinduction.com/wp-content/plugins/js_composer_salient/assets/lib/bower/animate-css/animate.min.css?ver=6.9.1 🗗 4.35KB, 21ms https://bioinduction.com/wp-content/uploads/salient/menu-dynamic.css?ver=45405 🗗 0.99KB, 57ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/imagesLoaded.min.js?ver=4.1.4 2.31KB, 73ms https://bioinduction.com/wp-content/themes/salient/css/build/plugins/select2.css?ver=4.0.1 2.35KB, 55ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/anime.min.js?ver=4.5.1 7.68KB, 77ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/select2.min.js?ver=4.0.1 4 18.7KB, 86ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/hoverintent.min.js?ver=1.9 1.45KB, 77ms https://bioinduction.com/wp-content/themes/salient/js/build/third-party/waypoints.js?ver=4.0.2 3.18KB, 71ms https://bioinduction.com/wp-content/themes/salient/css/build/elements/element-milestone.css?ver=15.0.4 2 941B, 58ms https://bioinduction.com/wp-content/plugins/js_composer_salient/assets/css/js_composer.min.css?ver=6.9.1 d 6.59KB, 71ms https://bioinduction.com/wp-content/themes/salient/css/font-awesome-legacy_min.css?ver=4.7.1 1 10.0KB, 34ms https://bioinduction.com/wp-content/themes/salient/css/fonts/fontawesome-webfont.woff?v=4.2 4 96.3KB, 35ms https://fonts.googleapis.com/css?family=Montserrat%3A500%2C400%2C300&ver=1666849453 4 681B, 90ms https://fonts.gstatic.com/s/montserrat/v26/JTUSjlg1_i6t8kCHKm459Wlhyw.woff2 32.4KB, 42ms https://fonts.googleapis.com/css?family=Open+Sans%3A300%2C400%2C700&subset=latin%2Clatin-ext 🖪 2.13KB, 91ms https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.woff2 3 47.6KB, 42ms https://bioinduction.com/wp-content/themes/salient/css/build/style.css?ver=15.0.4 30.2KB, 75ms https://bioinduction.com/wp-content/themes/salient/css/fonts/icomoon.woff?v=1.3 21.2KB, 18ms

Low

Reduce unused JavaScript LCP

Potential savings of 60.1KB

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

URL

TRANSFER SIZE

POTENTIAL SAVINGS

https://bioinduction.com/wp-content/themes/salient/js/build/init.js?ver=15.0.4

76.5KB

60.1KB

N/A

Largest Contentful Paint element LCP

2,280 ms

This is the largest contentful element painted within the viewport.

ELEMENT

div.inner > div.hover-wrap > div.hover-wrap-inner > img.img-with-animation

<img decoding="async" class="img-with-animation skip-lazy animated-in" data-delay="0" height="100" width="100"
data-animation="fade-in" src="https://bioinduction.com/wp-content/uploads/2019/03/Brain-idea-2.png" alt="">

PHASE	% OF LCP	TIMING	
TTFB	3%	74ms	
Load Delay	9%	203ms	
Load Time	4%	100ms	
Render Delay	83%	1.9s	
N/A Reduce initial server response time FCP LCP		Root document took 45ms	
Keep the server response time for the main document short be	cause all other requests depend on it	t.	
https://bioinduction.com/		TIME SPENT 45ms	
		40110	
N/A Avoid large layout shifts CLS		2 elements found	
These DOM elements contribute most to the CLS of the page.			
ELEMENT			CLS CONTRIBUTION
<pre>div.row_col_wrap_12 > div.vc_col-sm-4 > div.vc_column-inner ></pre>		0.03	
<pre>div.row > div#market-opportunity > div.row-bg-wrap > div.row-bg <div class="row-bg-overlay row-bg-layer" style="</pre"></div></pre>		opacity: 1; ">	0.00
N/A Minimize main-thread work TBT		Main-thread busy for 993ms	8
Consider reducing the time spent parsing, compiling and execu	ting JS. You may find delivering sma	ller JS payloads helps with this.	
CATEGORY		TIME SPENT	
Other		347ms	
Style & Layout		295ms	
Script Evaluation		217ms	
Parse HTML & CSS			
Rendering		26ms	
Script Parsing & Compilation		14ms	
Garbage Collection		2ms	

Total size was 82.9KB

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 82.9KB 0ms

• https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.wo 47.6KB 0ms

• https://fonts.gstatic.com/s/montserrat/v26/JTUSjlg1 i6t8kCHKm459Wlhyw.woff2

32.4KB

0ms

N/A Avoid serving legacy JavaScript to modern browsers TBT

Nothing to do here, good job!

N/A User Timing marks and measures

No user timings and/or marks found.