



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

Report generated: Mon, Mar 11, 2024 9:56 PM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0
 Connection: Broadband Fast (20/5 Mbps, 25ms)

E	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	50%	69%	2.0s	403ms	0.23

Top Issues

High	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 6.5s
Med	Use explicit width and height on image elements <small>CLS</small>	7 images found
Med	Serve static assets with an efficient cache policy	Potential savings of 2.02MB
Med	Avoid chaining critical requests <small>FCP LCP</small>	43 chains found
Med-Low	Use HTTP/2 for all resources	Potential savings of 7.8s

Page Details



Total Page Size - 3.31MB



Total Page Requests - 153



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

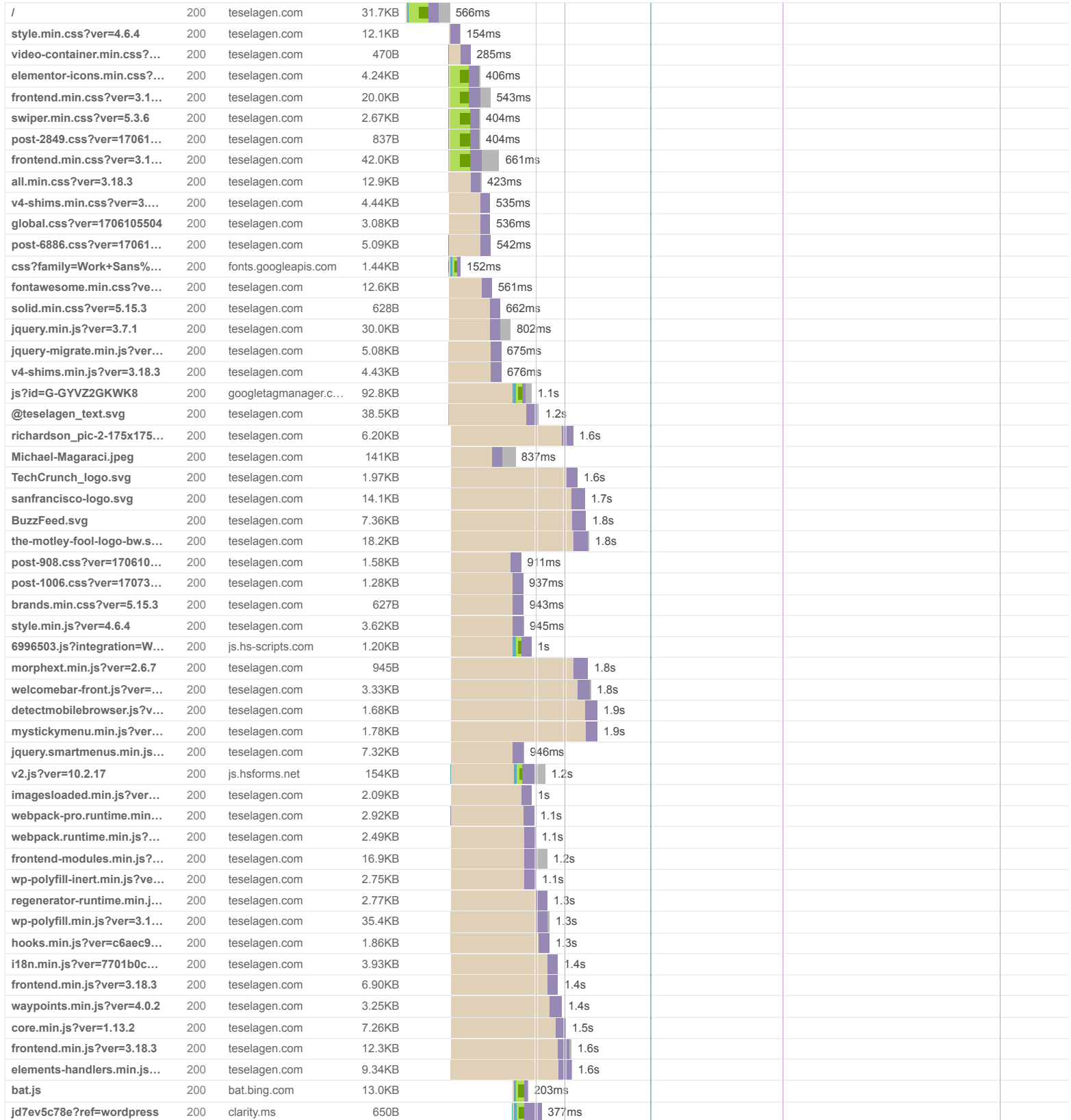


GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<https://carbon60.com/>

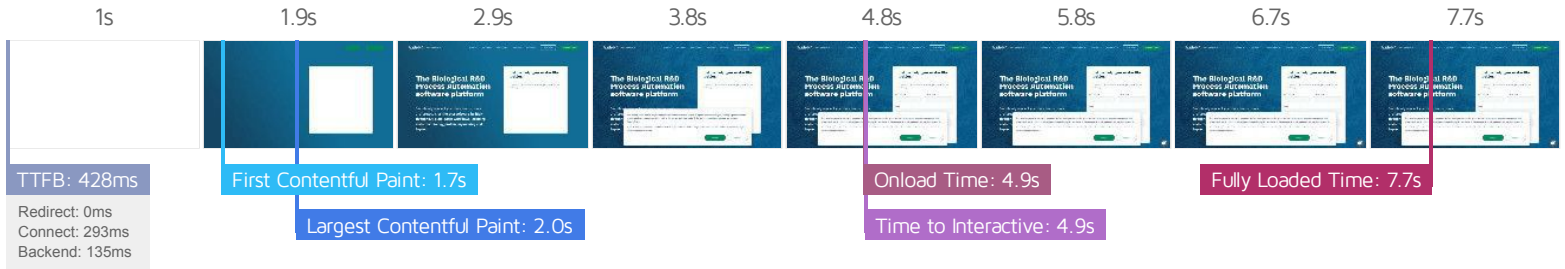
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Teselagen - The Software Platform for Biotechnology



gtm.js?id=GTM-W5TMKLF	200	googletagmanager.c...	97.1KB	304ms
828788705?color&autopa...	200	player.vimeo.com	11.0KB	422ms
Ameloblastoma_-_high_...	200	teselagen.com	927KB	1.4s
@strains.svg	200	teselagen.com	10.8KB	1.1s
workflow.svg	200	teselagen.com	4.64KB	1.1s
QGYsz_wNahGAdqQ43R...	200	fonts.gstatic.com	49.5KB	438ms
jizaRExUiTo99u79D0KEx...	200	fonts.gstatic.com	44.2KB	447ms
jizfRExUiTo99u79B_mh0...	200	fonts.gstatic.com	45.9KB	512ms
QGYqz_wNahGAdqQ43R...	200	fonts.gstatic.com	47.2KB	511ms
fa-solid-900.woff2	200	teselagen.com	76.6KB	494ms
Michael-Koepke.jpeg	200	teselagen.com	7.62KB	968ms
Emily-Leproust.webp	200	teselagen.com	32.0KB	1.1s
@petri-dish.svg	200	teselagen.com	4.14KB	959ms
fa-brands-400.woff2	200	teselagen.com	75.2KB	485ms
97077690.js	200	bat.bing.com	1.56KB	46ms
player.module.js	200	f.vimeocdn.com	138KB	312ms
vendor.module.js	200	f.vimeocdn.com	100KB	427ms
player.css	200	f.vimeocdn.com	21.6KB	213ms
1672878870-a58948cb960...	200	i.vimeocdn.com	1.16KB	581ms
banner.js	200	js.hs-banner.com	24.5KB	576ms
web-interactive-embed.js	200	js.hubspot.com	24.7KB	347ms
fb.js	200	js.hsadspixel.net	3.60KB	194ms
6996503.js	200	js.hs-analytics.net	21.2KB	371ms
conversations-embed.js	200	js.usemessages.com	24.7KB	218ms
js?id=AW-429004878&l=d...	200	googletagmanager.c...	82.8KB	194ms
clarity.js	200	clarity.ms	25.1KB	178ms
vuid.min.js	200	f.vimeocdn.com	985B	34ms
insight.min.js	200	snap.licdn.com	16.8KB	212ms
destination?id=AW-42900...	200	googletagmanager.c...	82.8KB	125ms
xXGnFGCqR85wFwWyB2IA	200	ws.zoominfo.com	2.06KB	411ms
cast_sender.js?loadCastF...	200	gstatic.com	1.96KB	207ms
1672878870-a58948cb960...	200	i.vimeocdn.com	13.3KB	352ms
POST player-stats?beaco...	200	fresnel.vimeocdn.com	142B	302ms
97077690?insights=1	200	clarity.ms	891B	121ms
POST vuid?pid=2bbd1b2...	204	vimeo.com	1.17KB	310ms
config-TP786465.json	200	config.trackingplan.c...	18B	337ms
cast_framework.js	200	gstatic.com	11.9KB	75ms
cast_sender.js	200	gstatic.com	15.0KB	66ms
429004878?random=1710...	200	googleads.g.doublec...	37B	156ms
429004878?random=1710...	200	googleads.g.doublec...	1.27KB	48ms
POST collect	204	a.clarity.ms	0	359ms
wp-emoji-release.min.js?...	200	teselagen.com	5.25KB	143ms
public?portalId=6996503...	200	api.hubspot.com	1.30KB	410ms
OPTIONS public?portalId...	200	api.hubspot.com	18B	175ms
combinedConfigs?portal...	200	cta-service-cms2.hu...	1.32KB	180ms
cf-location	200	js.hs-banner.com	6B	105ms
0?ti=97077690&tm=wpp_...	204	bat.bing.com	286B	44ms
collect?v=2&fmt=js&pid=...	302	px.ads.linkedin.com	0	292ms
json?hs_static_app=form...	200	forms.hsforms.com	4.14KB	340ms
json?hs_static_app=form...	200	forms.hsforms.com	4.69KB	256ms
video.fea4f8dfdf17262f23...	200	teselagen.com	1.63KB	140ms
text-editor.2c35aafbe5bf0...	200	teselagen.com	998B	138ms
load-more.064e7e640e7ef...	200	teselagen.com	1.86KB	132ms
posts.caaf3e27e57db8207...	200	teselagen.com	1.56KB	133ms
form.10bf1a6475f0741920...	200	teselagen.com	5.20KB	134ms
popup.085c1727e36940b1...	200	teselagen.com	776B	132ms
nav-menu.d43af66e5000f...	200	teselagen.com	1.97KB	145ms
v2.js?ver=10.2.17	200	js.hsforms.net	0	0ms
429004878?random=1710...	200	google.com	42B	159ms
429004878?random=1710...	200	google.co.uk	42B	158ms
collect?v=2&fmt=js&pid=...	302	px.ads.linkedin.com	0	195ms
counters.gif?key=forms-e...	200	forms.hsforms.com	735B	188ms

css2?family=Lato:ital,wg...	200	fonts.googleapis.com	552B			44ms	
POST view	(canceled)	js.hs-banner.com	0			534ms	
OPTIONS view	200	js.hs-banner.com	0			282ms	
counters.gif?key=config-l...	200	perf-na1.hsforms.com	1.23KB			235ms	
v2.js?ver=10.2.17	200	js.hsforms.net	0			0ms	
css2?family=Work%20Sa...	200	fonts.googleapis.com	518B			50ms	
7b4a4748f9224cd391b762...	200	app.hubspot.com	20.0KB			313ms	
S6uyw4BMUTPHjx4wXg....	200	fonts.gstatic.com	23.0KB			176ms	
li_sync?redirect=https%3...	302	linkedin.com	0			245ms	
counters.gif?key=forms-e...	200	forms-na1.hsforms.c...	0.99KB			264ms	
css2?family=Work%20Sa...	200	fonts.googleapis.com	0			18ms	
eicons.woff2?5.25.0	200	teselagen.com	93.3KB			477ms	
QGYsz_wNahGAdqQ43R...	200	fonts.gstatic.com	0			0ms	
QGYsz_wNahGAdqQ43R...	200	fonts.gstatic.com	0			0ms	
collect?v=2&fmt=js&pid=...	200	px.ads.linkedin.com	161B			202ms	
POST collect	204	a.clarity.ms	0			111ms	
bundle.production.js	200	static.hsappstatic.net	16.7KB			171ms	
visitor.css	200	static.hsappstatic.net	4.24KB			171ms	
bundle.production.js	200	static.hsappstatic.net	94.1KB			235ms	
visitor.js	200	static.hsappstatic.net	210KB			317ms	
POST wa/	204	px.ads.linkedin.com	193B			204ms	
POST collect	204	a.clarity.ms	0			347ms	
i18n-data-data-locales-en-...	200	static.hsappstatic.net	922B			40ms	
nr-spa-1216.min.js	200	js-agent.newrelic.com	18.7KB			150ms	
c.gif	302	c.clarity.ms	0			162ms	
6996503.js	200	js-na1.hs-scripts.com	824B			189ms	
__ptq.gif?k=1&sd=1367x8...	200	track.hubspot.com	45B			258ms	
__ptq.gif?k=15&fi=424860...	200	track.hubspot.com	45B			238ms	
__ptq.gif?k=15&fi=3f0a83...	200	track.hubspot.com	45B			242ms	
__ptq.gif?k=17&fi=3f0a83...	200	track.hubspot.com	45B			233ms	
POST rhumb?hs_static_a...	204	app.hubspot.com	1.64KB			150ms	
cropped-teselagen_squar...	200	teselagen.com	2.00KB			132ms	
f9d051f404?a=205242107...	200	bam-cell.nr-data.net	547B			491ms	
c.gif?ctsa=mr&CtsSyncid...	302	c.bing.com	0			69ms	
c.gif?ctsa=mr&CtsSyncid...	200	c.clarity.ms	42B			38ms	
POST f9d051f404?a=2052...	204	bam-cell.nr-data.net	0			131ms	
POST f9d051f404?a=2052...	200	bam-cell.nr-data.net	342B			185ms	
POST collect	204	a.clarity.ms	0				112ms
153 Requests 3.31MB (11.3MB Uncompressed) Fully Loaded 7.7s (Onload 4.9s)							



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>Much longer than recommended</p> <p>1.7s</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>Much longer than recommended</p> <p>4.9s</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>2.4s</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>Much longer than recommended</p> <p>403ms</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>2.0s</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>More than recommended</p> <p>0.23</p>

Browser Timings

Redirect	0ms	Connect	293ms	Backend	135ms
TTFB	428ms	First Paint	1.7s	DOM Int.	3.1s
DOM Loaded	3.2s	Onload	4.9s	Fully Loaded	7.7s

IMPACT AUDIT

Med-Low

Avoid enormous network payloads LCP

Total size was 3.32MB

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

URL	TRANSFER SIZE
https://teselagen.com/wp-content/uploads/2020/04/Ameloblastoma_-_high_mag-scaled.jpg	927KB
https://static.hsappstatic.net/conversations-visitor-ui/static-1.18127/bundles/visitor.js	210KB
https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	154KB
https://teselagen.com/wp-content/uploads/2023/06/Michael-Magaraci.jpeg	141KB
https://f.vimeocdn.com/p/4.28.15/js/player.module.js	138KB
https://f.vimeocdn.com/p/4.28.15/js/vendor.module.js	100KB
https://www.googletagmanager.com/gtm.js?id=GTM-W5TMKLF	97.2KB
https://static.hsappstatic.net/hubspot-dlb/static-1.522/bundle.production.js	94.1KB
https://teselagen.com/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.25.0	93.3KB
https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	93.2KB

Med-Low

Avoid long main-thread tasks TBT

12 long tasks found

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

URL	START TIME	DURATION
https://teselagen.com/	1.6s	182ms
https://teselagen.com/	1.4s	156ms
https://www.googletagmanager.com/gtag/destination?id=AW-429004878&l=dataLayer&cx=c	2.9s	127ms
https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	2.2s	112ms
https://teselagen.com/	4.3s	96ms
https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	3.7s	85ms
https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	3.5s	85ms
https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	3.1s	78ms
https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	4.8s	58ms
https://teselagen.com/	1.9s	58ms
https://www.clarity.ms/s/0.7.24/clarity.js	4.5s	56ms
https://www.googletagmanager.com/gtm.js?id=GTM-W5TMKLF	2.5s	53ms

Med-Low

Avoid large layout shifts CLS

5 elements found

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

This website stores cookies on your computer. We use this information in order ...

```
<div id="hs-eu-cookie-confirmation" class="hs-cookie-notification-position-bottom" data-nosnippet="true" role="dialog" aria-describedby="hs-eu-policy-wording" aria-label="Cookie banner" tabindex="0">
```

0.18

The Biological R&D Process Automation software platform Seamlessly connect your...

```
<section class="elementor-section elementor-inner-section elementor-element elementor-elem..." data-id="298e4f8" data-element_type="section">
```

0.12

Let us help you make life better. Leave your details and we'll get back to you ...

```
<div class="elementor-widget-wrap elementor-element-populated">
```

0.04

Make life better™ COMPANY CUSTOMERS APPLICATIONS PLATFORM RESOURCES Start Free ...

```
<div class="elementor-container elementor-column-gap-default">
```

0.03

div.elementor-container > div.elementor-column > div.elementor-widget-wrap > div.elementor-element

```
<div class="elementor-element elementor-element-812d1e9 elementor-widget elementor-wid..." data-id="812d1e9" data-element_type="widget" data-widget_type="spacer.default">
```

0.03

Med-Low

Lazy load third-party resources with facades TBT

1 facade alternative available

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required.

PRODUCT	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
Vimeo Embedded Player (Video)	288KB	0ms
https://f.vimeocdn.com/p/4.28.15/js/player.module.js	138KB	0ms
https://f.vimeocdn.com/p/4.28.15/js/vendor.module.js	100KB	0ms
https://f.vimeocdn.com/p/4.28.15/css/player.css	21.9KB	0ms
https://i.vimeocdn.com/video/1672878870-a58948cb960dcacd39e5130499b92b78433ee4f8994bb0193188cae80bcee87b-d?mw=900&mh=506	13.4KB	0ms
https://player.vimeo.com/video/828788705?color&autoplay=0&loop=0&muted=0&iitle=1&portrait=1&byline=1	11.0KB	0ms
Other resources	3.99KB	0ms

Low

Avoid an excessive DOM size TBT

1,093 elements

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

STATISTIC	ELEMENT	VALUE
Total DOM Elements		1093
Maximum DOM Depth	div.elementor-element > div.elementor-widget-container > a > img.attachment-full 	24
Maximum Child Elements	body.home <body data-rsssl="1" class="home page-template page-template-elementor_canvas page page-id-6886 wp-cus..." style="" data-elementor-device-mode="desktop">	48

Low **Reduce JavaScript execution time** TBT 1.5s 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://teselagen.com/	970ms	313ms	4ms
• Unattributable	691ms	23ms	0ms
• https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	441ms	310ms	39ms
• https://teselagen.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	300ms	258ms	1ms
• https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	259ms	180ms	19ms
• https://www.googletagmanager.com/gtag/destination?id=AW-429004878&l=dataLayer&cx=c	129ms	124ms	3ms
• https://www.googletagmanager.com/gtm.js?id=GTM-W5TMKLF	115ms	102ms	8ms
• https://www.clarity.ms/s/0.7.24/clarity.js	113ms	55ms	1ms
• https://teselagen.com/wp-content/plugins/elementor-pro/assets/js/nav-menu.d43af66e5000fd109c04.bundle.min.js	55ms	27ms	0ms

Low **Allow back/forward cache restoration** 3 failure reasons

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.

FAILURE REASON	FAILURE TYPE
The page has an unload handler in the main frame. https://teselagen.com/	Actionable
Pages that use WebXR are not currently eligible for back/forward cache. https://player.vimeo.com/video/828788705?color&autoplay=0&loop=0&muted=0&title=1&portrait=1&byline=1#t=	Actionable
The page has an unload handler in a sub frame. https://app.hubspot.com/conversations-visitor/6996503/threads/utk/7b4a4748f9224cd391b762a378834ef7?uuid=5553df98d4984abe8ab75bf4bdd37476&mobile=false&mobileSafari=false&hideWelcomeMessage=false&hstc=&domain=teselagen.com&inApp53=false&messagesUtk=7b4a4748f9224cd391b762a378834ef7&url=https%3A%2F%2Fteselagen.com%2F&inline=false&isFullscreen=false&globalCookieOptOut=&isFirstVisitorSession=true&isAttachmentDisabled=false&isInitialInputFocusDisabled=false&enableWidgetCookieBanner=false&isInCMS=false&hubspotUtk=1ca68ea6d72fe1012b7293c17261caf6	Actionable

Low **Use a Content Delivery Network (CDN)** 3 resources found

CDNs can give an equally fast web experience to your users across the globe.

URL

- https://www.google.co.uk/pagead/1p-user-list/429004878/?random=1710219415984&cv=11&fst=1710216000000&bg=fffff&guid=ON&async=1>m=45be4360v9102769218za200&gcd=1313131&dma=0&u_w=1367&u_h=864&url=https%3A%2F%2Fteselagen.com%2F&frm=0&tiba=Teselagen%20-%20The%20Software%20Platform%20for%20Biotechnology&npa=0&data=event%3Dgtag.config&fmt=3&is_vtc=1&cid=CAQSGwB7FLtqDmiB94Wks4AtIK9pE8ailxQSt3RIDA&random=2235233432&rmt_tld=1&ipr=y
- https://px.ads.linkedin.com/collect?v=2&fmt=js&pid=2942884&time=1710219416199&li_adslid=b8a1e934-002d-4d9b-927e-8bde668342d6&url=https%3A%2F%2Fteselagen.com%2F&cookiesTest=true&liSync=true
- <https://c.clarity.ms/c.gif?ctsa=mr&CtsSyncl=BBB266066BA646E1B6AD686DE810980F&MUID=1468D5F08E6C6121024EC1B08F4B6057>

Low **Reduce unused CSS** FCP LCP Potential savings of 97.0KB

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://teselagen.com/wp-content/plugins/elementor-pro/assets/css/frontend.min.css?ver=3.18.3	42.0KB	41.4KB
• https://teselagen.com/wp-content/plugins/elementor/assets/css/frontend.min.css?ver=3.18.3	20.0KB	18.8KB
• https://teselagen.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3	12.9KB	12.7KB
• https://teselagen.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.15.3	12.6KB	12.5KB
• https://teselagen.com/wp-content/themes/astra/assets/css/minified/style.min.css?ver=4.6.4	12.1KB	11.6KB

Low **Ensure text remains visible during webfont load** FCP LCP 7 fonts found

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

URL	POTENTIAL SAVINGS
• https://fonts.gstatic.com/s/worksans/v19/QGYsz_wNahGAdqQ43Rh_fKDp.woff2	297ms
• https://fonts.gstatic.com/s/ptsans/v17/jizaRExUiTo99u79D0KExQ.woff2	305ms
• https://fonts.gstatic.com/s/ptsans/v17/jizfRExUiTo99u79B_mh0O6tLQ.woff2	371ms
• https://fonts.gstatic.com/s/worksans/v19/QGYgz_wNahGAdqQ43Rh_eZDrv_0.woff2	370ms
• https://teselagen.com/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.25.0	420ms
• https://fonts.gstatic.com/s/worksans/v19/QGYsz_wNahGAdqQ43Rh_fKDp.woff2	0ms
• https://fonts.gstatic.com/s/worksans/v19/QGYsz_wNahGAdqQ43Rh_fKDp.woff2	0ms

Low **Reduce unused JavaScript** LCP Potential savings of 327KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	154KB	81.1KB
https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	154KB	48.2KB
https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	154KB	47.1KB
https://www.googletagmanager.com/gtm.js?id=GTM-W5TMKLE	97.2KB	46.6KB
https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	93.2KB	37.6KB
https://www.googletagmanager.com/gtag/js?id=AW-429004878&l=dataLayer&cx=c	82.8KB	36.2KB
https://www.googletagmanager.com/gtag/destination?id=AW-429004878&l=dataLayer&cx=c	82.8KB	30.2KB

Low **Serve images in next-gen formats** Potential savings of 431KB

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://teselagen.com/wp-content/uploads/2020/04/Ameloblastoma_-_high_mag-scaled.jpg	927KB	365KB
https://teselagen.com/wp-content/uploads/2023/06/Michael-Magaraci.jpeg	141KB	65.7KB

LOW

Preconnect to required origins FCP LCP

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins.

LOW

Properly size images

Potential savings of 179KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://teselagen.com/wp-content/uploads/2023/06/Michael-Magaraci.jpeg	141KB	140KB
https://teselagen.com/wp-content/uploads/2021/09/Emily-Leproust.webp	31.8KB	31.4KB
https://teselagen.com/wp-content/uploads/2021/09/Michael-Koepke.jpeg	7.35KB	6.91KB

LOW

Reduce initial server response time FCP LCP

Root document took 134ms

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://teselagen.com/ 	134ms

LOW

Defer offscreen images

Potential savings of 55.7KB

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://teselagen.com/wp-content/uploads/2020/04/the-motley-fool-logo-bw.svg	17.9KB	17.9KB
https://teselagen.com/wp-content/uploads/2020/03/sanfrancisco-logo.svg	13.9KB	13.9KB
https://teselagen.com/wp-content/uploads/2020/03/@strains.svg	10.6KB	8.58KB
https://teselagen.com/wp-content/uploads/2020/03/BuzzFeed.svg	7.09KB	7.09KB
https://teselagen.com/wp-content/uploads/2020/03/workflow.svg	4.38KB	4.38KB
https://teselagen.com/wp-content/uploads/2020/03/@petri-dish.svg	3.87KB	3.87KB

LOW

Avoid non-composited animations CLS

7 animated elements found

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

ELEMENT	NAME
<p>PLATFORM</p> <pre></pre> <p>Unsupported CSS Property: color</p> <p>Unsupported CSS Property: fill</p> <p>Unsupported CSS Property: font-weight</p> <p>Unsupported CSS Property: font-size</p>	<p>color</p> <p>fill</p> <p>font-weight</p> <p>font-size</p>
<p>RESOURCES</p> <pre></pre> <p>Unsupported CSS Property: color</p> <p>Unsupported CSS Property: fill</p> <p>Unsupported CSS Property: font-weight</p> <p>Unsupported CSS Property: font-size</p>	<p>color</p> <p>fill</p> <p>font-weight</p> <p>font-size</p>
<p>COMPANY</p> <pre></pre> <p>Unsupported CSS Property: color</p> <p>Unsupported CSS Property: fill</p> <p>Unsupported CSS Property: font-weight</p> <p>Unsupported CSS Property: font-size</p>	<p>color</p> <p>fill</p> <p>font-weight</p> <p>font-size</p>
<p>Make life better™ COMPANY CUSTOMERS APPLICATIONS PLATFORM RESOURCES Start Free ...</p> <pre><nav class="elementor-section elementor-top-section elementor-element elementor-elemen..." data-id="ed731dd" data-element_type="section" data-settings="{&quot;background_background&quot;:&quot;classic&quot;}"></pre> <p>Unsupported CSS Property: background-color</p>	<p>background-color</p>
<p>CUSTOMERS</p> <pre></pre> <p>Unsupported CSS Property: color</p> <p>Unsupported CSS Property: fill</p> <p>Unsupported CSS Property: font-weight</p> <p>Unsupported CSS Property: font-size</p>	<p>color</p> <p>fill</p> <p>font-weight</p> <p>font-size</p>
<p>APPLICATIONS</p> <pre></pre> <p>Unsupported CSS Property: color</p> <p>Unsupported CSS Property: fill</p> <p>Unsupported CSS Property: font-weight</p> <p>Unsupported CSS Property: font-size</p>	<p>color</p> <p>fill</p> <p>font-weight</p> <p>font-size</p>
<p>Start Free</p> <pre></pre> <p>Unsupported CSS Property: background-color</p> <p>Unsupported CSS Property: border-left-color</p> <p>Unsupported CSS Property: border-left-width</p> <p>Unsupported CSS Property: border-right-color</p>	<p>background-color</p> <p>border-left-color</p> <p>border-left-width</p> <p>border-right-color</p>

ELEMENT

Unsupported CSS Property: border-right-width

NAME

border-right-width

Unsupported CSS Property: border-top-color

border-top-color

Unsupported CSS Property: border-top-width

border-top-width

Unsupported CSS Property: border-bottom-color

border-bottom-color

Unsupported CSS Property: border-bottom-width

border-bottom-width

N/A

Largest Contentful Paint element LCP

2,050 ms

This is the largest contentful element painted within the viewport.

ELEMENT

The Biological R&D Process Automation software platform

```
<h1 class="elementor-heading-title elementor-size-xl">
```

PHASE

% OF LCP

TIMING

TTFB

21%

428ms

Load Delay

0%

0ms

Load Time

0%

0ms

Render Delay

79%

1.6s

N/A

Avoid serving legacy JavaScript to modern browsers TBT

Potential savings of 117B

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.licdn.com/li.lms-analytics/insight.min.js>

59B

Line:0 Column:680

@babel/plugin-transform-classes

<https://teselagen.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2>

58B

Line:0 Column:452

@babel/plugin-transform-classes

N/A

Minimize main-thread work TBT

Main-thread busy for 3.5s

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

CATEGORY	TIME SPENT
Script Evaluation	1.7s
Other	897ms
Style & Layout	547ms
Script Parsing & Compilation	108ms
Parse HTML & CSS	91ms
Garbage Collection	71ms
Rendering	62ms

N/A **User Timing marks and measures** 6 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences.

NAME	TYPE	START TIME	DURATION
embed-script-load-time-pre-delay	Measure	2.7s	952ms
embed-script-load-time-post-delay	Measure	3.7s	1.1s
embed-script-start-pre-delay	Mark	2.7s	0ms
embed-script-end-pre-delay	Mark	3.7s	0ms
embed-script-start-post-delay	Mark	3.7s	0ms
embed-script-end-post-delay	Mark	4.8s	0ms

N/A **Reduce the impact of third-party code** TBT Third-party code blocked the main thread for 134ms

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 TAG MANAGER	356KB	134ms
• https://www.googletagmanager.com/gtag/destination?id=AW-429004878&l=dataLayer&cx=c	82.8KB	72ms
• https://www.googletagmanager.com/gtag/js?id=G-GYVZ2GKWK8	93.2KB	61ms
• https://www.googletagmanager.com/gtm.js?id=GTM-W5TMKLF	97.2KB	0ms
• https://www.googletagmanager.com/gtag/js?id=AW-429004878&l=dataLayer&cx=c	82.8KB	0ms
HSAPPSTATIC.NET	326KB	0ms
• https://static.hsappstatic.net/conversations-visitor-ui/static-1.18127/bundles/visitor.js	210KB	0ms
• https://static.hsappstatic.net/hubspot-dlb/static-1.522/bundle.production.js	94.1KB	0ms
• https://static.hsappstatic.net/head-dlb/static-1.567/bundle.production.js	16.7KB	0ms
VIMEO	288KB	0ms
• https://f.vimeocdn.com/p/4.28.15/js/player.module.js	138KB	0ms
• https://f.vimeocdn.com/p/4.28.15/js/vendor.module.js	100KB	0ms
• https://f.vimeocdn.com/p/4.28.15/css/player.css	21.9KB	0ms
• Other resources	28.4KB	0ms
HUBSPOT	270KB	0ms
• https://js.hsforms.net/forms/embed/v2.js?ver=10.2.17	154KB	0ms
• https://js.hubspot.com/web-interactives-embed.js	24.7KB	0ms
• https://js.hs-banner.com/v2/6996503/banner.js	24.5KB	0ms
• https://js.hs-analytics.net/analytics/1710219300000/6996503.js	21.2KB	0ms
• https://app.hubspot.com/conversations-visitor/6996503/threads/utk/7b4a4748f9224cd391b762a378834ef7?uuiid=5553df98d4984abe8ab75bf4bdd37476&mobile=false&mobileSafari=false&hideWelcomeMessage=false&hstc=&domain=teselagen.com&inApp53=false&messagesUtk=7b4a4748f9224cd391b762a378834ef7&url=https%3A%2F%2Fteselagen.com%2F&inline=false&isFullscreen=false&globalCookieOptOut=&isFirstVisitorSession=true&isAttachmentDisabled=false&isInitialInputFocusDisabled=false&enableWidgetCookieBanner=false&isInCMS=false	20.0KB	0ms
• Other resources	25.1KB	0ms
GOOGLE FONTS	213KB	0ms
• https://fonts.gstatic.com/s/worksans/v19/QGYsz_wNahGAdqQ43Rh_fKdp.woff2	50.0KB	0ms
• https://fonts.gstatic.com/s/worksans/v19/QGYqz_wNahGAdqQ43Rh_eZDrv_0.woff2	47.4KB	0ms
• https://fonts.gstatic.com/s/ptsans/v17/jjzRExUiTo99u79B_mh0O6tLQ.woff2	46.1KB	0ms
• https://fonts.gstatic.com/s/ptsans/v17/jjzaRExUiTo99u79D0KExQ.woff2	44.4KB	0ms
• https://fonts.gstatic.com/s/iato/v24/S6uyw4BMUTPHjx4wXg.woff2	23.2KB	0ms
GOOGLE CDN	30.0KB	0ms
• https://www.gstatic.com/eureka/clank/117/cast_sender.js	15.3KB	0ms
• https://www.gstatic.com/cast/sdk/libs/sender/1.0/cast_framework.js	12.1KB	0ms
CLARITY	29.2KB	0ms
• https://www.clarity.ms/s/0.7.24/clarity.js	25.1KB	0ms
• Other resources	4.10KB	0ms
USEMESSAGES.COM	24.7KB	0ms
• https://js.usemessages.com/conversations-embed.js	24.7KB	0ms
NEW RELIC	20.3KB	0ms
• https://js-agent.newrelic.com/nr-spa-1216.min.js	19.2KB	0ms
LINKEDIN ADS	19.5KB	0ms
• https://snap.licdn.com/li.lms-analytics/insight.min.js	17.0KB	0ms
BING ADS	15.8KB	0ms
• https://bat.bing.com/bat.js	13.4KB	0ms
ZOOMINFO.COM	2.06KB	0ms
GOOGLE/DOUBLECLICK ADS	1.99KB	0ms

THIRD-PARTY

TRANSFER SIZE

MAIN-THREAD BLOCKING TIME

OTHER GOOGLE APIS/SDKS

910B

0ms

TRACKINGPLAN.COM

409B

0ms
