

# Performance Report for: <https://nucleai.ai/>

Report generated: Tue, Mar 12, 2024 12:00 AM -0700  
 Test Server Location: London, UK  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	69%	89%	1.3s	640ms	0

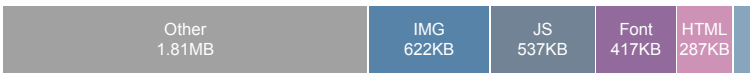
## Top Issues

Med-High	Avoid an excessive DOM size <small>TBT</small>	13,691 elements
Med-High	Reduce JavaScript execution time <small>TBT</small>	5.8s spent executing JavaScript
Med	Avoid long main-thread tasks <small>TBT</small>	20 long tasks found
Med	Use explicit width and height on image elements <small>CLS</small>	28 images found
Low	Serve static assets with an efficient cache policy	Potential savings of 71.7KB

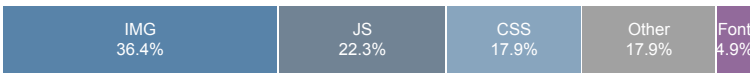
## Page Details



### Total Page Size - 3.75MB



### Total Page Requests - 184



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.

## Homepage - Nucleai

Resource	Size	Response Time	Waterfall Bar
/	200	nucleai.ai	287KB 38ms
script.js	200	cdn-cookieeyes.com	33.2KB 156ms
flexgrid.css?ver=353	200	nucleai.ai	4.00KB 563ms
nvt-style.css?ver=251	200	nucleai.ai	1.01KB 566ms
style.min.css?ver=3.0.1	200	nucleai.ai	2.08KB 41ms
theme.min.css?ver=3.0.1	200	nucleai.ai	1.59KB 42ms
header-footer.min.css?ve...	200	nucleai.ai	1.75KB 43ms
custom-frontend-lite.min....	200	nucleai.ai	13.0KB 80ms
post-5.css?ver=1708254891	200	nucleai.ai	1.03KB 77ms
general.min.css?ver=5.9.9	200	nucleai.ai	1.18KB 78ms
eael-4182.css?ver=17065...	200	nucleai.ai	4.09KB 79ms
jet-elements.css?ver=2.6.15	200	nucleai.ai	19.6KB 133ms
jet-elements-skin.css?ver...	200	nucleai.ai	3.11KB 87ms
elementor-icons.min.css?...	200	nucleai.ai	4.08KB 87ms
swiper.min.css?ver=5.3.6	200	nucleai.ai	2.59KB 88ms
custom-pro-frontend-lite....	200	nucleai.ai	1.80KB 88ms
all.min.css?ver=3.19.2	200	nucleai.ai	12.5KB 93ms
v4-shims.min.css?ver=3....	200	nucleai.ai	4.33KB 93ms
global.css?ver=1708254893	200	nucleai.ai	8.83KB 131ms
post-4182.css?ver=17082...	200	nucleai.ai	6.86KB 97ms
post-4247.css?ver=17085...	200	nucleai.ai	2.28KB 98ms
post-4308.css?ver=17082...	200	nucleai.ai	1.66KB 98ms
post-826.css?ver=170825...	200	nucleai.ai	649B 109ms
sassy-social-share-public...	200	nucleai.ai	2.71KB 110ms
style.css?ver=1.0.0	200	nucleai.ai	774B 110ms
css?family=Open+Sans%...	200	fonts.googleapis.com	2.80KB 148ms
fontawesome.min.css?ve...	200	nucleai.ai	12.3KB 111ms
brands.min.css?ver=5.15.3	200	nucleai.ai	766B 123ms
regular.min.css?ver=5.15.3	200	nucleai.ai	766B 124ms
solid.min.css?ver=5.15.3	200	nucleai.ai	769B 125ms
jquery.min.js?ver=3.7.1	200	nucleai.ai	29.4KB 128ms
jquery-migrate.min.js?ver...	200	nucleai.ai	5.05KB 129ms
v4-shims.min.js?ver=3.19.2	200	nucleai.ai	4.40KB 129ms
logo.svg	200	nucleai.ai	1.85KB 787ms
icon_logo.svg	200	nucleai.ai	1.15KB 783ms
custom-pro-widget-nav-m...	200	nucleai.ai	3.49KB 563ms
custom-widget-icon-box....	200	nucleai.ai	1.08KB 564ms
lottie-player.js	302	unpkg.com	0 730ms
art.png	200	nucleai.ai	21.1KB 130ms
platformPic1.jpg	200	nucleai.ai	101KB 907ms
platformPic2.jpg	200	nucleai.ai	22.3KB 802ms
icon1.jpg	200	nucleai.ai	1.29KB 803ms
icon2.jpg	200	nucleai.ai	1.39KB 804ms
icon3.jpg	200	nucleai.ai	2.91KB 805ms
icon4.jpg	200	nucleai.ai	3.28KB 807ms
icon5.jpg	200	nucleai.ai	1.83KB 807ms
icon6.jpg	200	nucleai.ai	2.46KB 808ms
icon7.jpg	200	nucleai.ai	1.99KB 800ms
icon8.jpg	200	nucleai.ai	2.51KB 801ms
icon9.jpg	200	nucleai.ai	1.56KB 812ms
Sirona.png	200	nucleai.ai	1.70KB 813ms
Ultivue.png	200	nucleai.ai	762B 814ms
Sanofi-ventures.png	200	nucleai.ai	1.45KB 838ms

Section-32-1.png	200	nucleai.ai	2.46KB	841ms
Debiopharm.png	200	nucleai.ai	1.53KB	848ms
Grove-.png	200	nucleai.ai	2.54KB	849ms
Vertex.png	200	nucleai.ai	2.82KB	850ms
tfs-paper-300x167.png	200	nucleai.ai	10.2KB	858ms
uscap-6.png	200	nucleai.ai	6.35KB	859ms
bioarchive.png	200	nucleai.ai	5.25KB	859ms
SITC-2022-B.png	200	nucleai.ai	4.70KB	878ms
SITC-2022.png	200	nucleai.ai	6.27KB	878ms
SITC-2022-c.png	200	nucleai.ai	8.84KB	878ms
ENA-300x300.png	200	nucleai.ai	4.91KB	878ms
Path-Visions-300x300.png	200	nucleai.ai	8.49KB	878ms
ESMO-2022-300x300.png	200	nucleai.ai	14.8KB	893ms
ASCO-2022-300x300.png	200	nucleai.ai	9.8KB	894ms
pic-300x232.jpg	200	nucleai.ai	3.30KB	894ms
pic-9.jpg	200	nucleai.ai	1.57KB	894ms
pic-10-300x225.png	200	nucleai.ai	3.83KB	894ms
pic-11-300x208.jpg	200	nucleai.ai	9.51KB	894ms
team-1-300x300.jpg	200	nucleai.ai	5.49KB	894ms
pic-13.png	200	nucleai.ai	2.21KB	899ms
pic-14-300x300.png	200	nucleai.ai	3.94KB	899ms
pic-15-300x300.png	200	nucleai.ai	5.18KB	900ms
Oscar-5-300x300.png	200	nucleai.ai	4.50KB	909ms
pic-18-300x300.png	200	nucleai.ai	4.90KB	909ms
Photo-BloomKenneth-e17...	200	nucleai.ai	13.0KB	942ms
pic-19-199x300.png	200	nucleai.ai	5.30KB	943ms
1280px-Duke_University_...	200	nucleai.ai	6.53KB	954ms
pic-20.png	200	nucleai.ai	11.6KB	955ms
logo-1.png	200	nucleai.ai	12.6KB	961ms
pic-21.png	200	nucleai.ai	6.46KB	962ms
logo-2.png	200	nucleai.ai	3.14KB	963ms
pic-22-300x300.png	200	nucleai.ai	4.46KB	969ms
logo-3.png	200	nucleai.ai	1.79KB	969ms
pic-23-287x300.png	200	nucleai.ai	5.18KB	970ms
logo-4.png	200	nucleai.ai	458B	971ms
icon.png	200	nucleai.ai	1.34KB	972ms
bwlogo_extreme.png	200	nucleai.ai	4.25KB	944ms
bwlogo_extreme-1.png	200	nucleai.ai	4.25KB	944ms
Yahoo_Finance_logo_202...	200	nucleai.ai	10.8KB	946ms
GEN_MAL_Logo_4@2x.png	200	nucleai.ai	12.1KB	947ms
ai-thority.png	200	nucleai.ai	3.24KB	950ms
bwlogo_extreme-1.png	200	nucleai.ai	4.25KB	952ms
custom-widget-icon-list....	200	nucleai.ai	1.29KB	532ms
20846800.js	200	js.hs-scripts.com	752B	844ms
animations.min.css?ver=...	200	nucleai.ai	2.84KB	604ms
20846800.js?integration=...	200	js.hs-scripts.com	1.18KB	843ms
hello-frontend.min.js?ver...	200	nucleai.ai	1.27KB	604ms
general.min.js?ver=5.9.9	200	nucleai.ai	3.62KB	604ms
eael-4182.js?ver=1706578...	200	nucleai.ai	2.88KB	604ms
new-tab.js?ver=3.3.6	200	nucleai.ai	8.81KB	604ms
sassy-social-share-public...	200	nucleai.ai	39.5KB	689ms
jquery.smartmenus.min.js...	200	nucleai.ai	7.15KB	618ms
webpack-pro.runtime.min...	200	nucleai.ai	2.89KB	619ms
webpack.runtime.min.js?...	200	nucleai.ai	2.50KB	624ms
frontend-modules.min.js?...	200	nucleai.ai	16.5KB	732ms
wp-polyfill-inert.min.js?ve...	200	nucleai.ai	2.73KB	626ms
regenerator-runtime.min.j...	200	nucleai.ai	2.82KB	626ms
wp-polyfill.min.js?ver=3.1...	200	nucleai.ai	33.9KB	744ms
hooks.min.js?ver=c6aec9...	200	nucleai.ai	1.93KB	685ms
i18n.min.js?ver=7701b0c...	200	nucleai.ai	3.96KB	686ms
frontend.min.js?ver=3.19.2	200	nucleai.ai	6.78KB	688ms
waypoints.min.js?ver=4.0.2	200	nucleai.ai	3.26KB	689ms

core.min.js?ver=1.13.2	200	nucleai.ai	7.10KB	696ms
frontend.min.js?ver=3.19.2	200	nucleai.ai	12.0KB	696ms
elements-handlers.min.js...	200	nucleai.ai	9.08KB	697ms
jet-elements.min.js?ver=2...	200	nucleai.ai	23.3KB	742ms
jquery.sticky.min.js?ver=...	200	nucleai.ai	1.89KB	731ms
swiper.min.js?ver=863	200	nucleai.ai	22.1KB	961ms
nvt-scripts.js?ver=765	200	nucleai.ai	645B	952ms
POST log	200	log.cookieyes.com	2B	56ms
banner.js	200	cdn-cookieyes.com	31.7KB	567ms
red-splash-desktop-scale...	200	nucleai.ai	51.2KB	376ms
Gilroy-Medium.woff2	200	nucleai.ai	28.5KB	376ms
Gilroy-Bold.woff2	200	nucleai.ai	28.3KB	291ms
Gilroy-Regular.woff2	200	nucleai.ai	27.0KB	293ms
lottie-player.js	200	unpkg.com	96.3KB	254ms
mapping.json	200	nucleai.ai	5.89KB	145ms
mapping.json	200	nucleai.ai	32.7KB	150ms
extracting.json	200	nucleai.ai	17.2KB	143ms
extracting.json	200	nucleai.ai	110KB	143ms
calculating.json	200	nucleai.ai	15.7KB	564ms
calculating.json	200	nucleai.ai	92.2KB	568ms
predicting.json	200	nucleai.ai	25.3KB	558ms
predicting.json	200	nucleai.ai	182KB	561ms
mapping.json	200	nucleai.ai	5.45KB	549ms
mapping.json	200	nucleai.ai	29.3KB	558ms
extracting.json	200	nucleai.ai	16.4KB	553ms
extracting.json	200	nucleai.ai	108KB	556ms
calculating.json	200	nucleai.ai	14.5KB	551ms
calculating.json	200	nucleai.ai	83.1KB	563ms
predicting.json	200	nucleai.ai	26.7KB	553ms
predicting.json	200	nucleai.ai	211KB	557ms
mapping.json	200	nucleai.ai	29.3KB	494ms
mapping.json	200	nucleai.ai	29.3KB	495ms
extracting.json	200	nucleai.ai	108KB	496ms
extracting.json	200	nucleai.ai	108KB	500ms
calculating.json	200	nucleai.ai	83.1KB	493ms
calculating.json	200	nucleai.ai	83.1KB	497ms
predicting.json	200	nucleai.ai	211KB	507ms
predicting.json	200	nucleai.ai	211KB	506ms
banner.js	200	js.hs-banner.com	23.0KB	442ms
collectedforms.js	200	js.hscollectedforms.net	25.2KB	131ms
20846800.js	200	js.hs-analytics.net	21.2KB	159ms
fb.js	200	js.hsadspixel.net	3.60KB	46ms
right-arrow1.png	200	nucleai.ai	106B	6ms
left-arrow1.png	200	nucleai.ai	114B	9ms
red-splash.png	200	nucleai.ai	153KB	13ms
fa-brands-400.woff2	200	nucleai.ai	75.0KB	120ms
fa-solid-900.woff2	200	nucleai.ai	76.4KB	119ms
Gilroy-SemiBold.woff2	200	nucleai.ai	28.0KB	115ms
memvYaGs126MiZpBA-U...	200	fonts.gstatic.com	47.1KB	150ms
fa-regular-400.woff2	200	nucleai.ai	13.0KB	114ms
json?portalId=20846800&...	200	forms.hscollectedfor...	429B	125ms
wp-emoji-release.min.js?...	200	nucleai.ai	4.99KB	15ms
dialog.min.js?ver=4.9.0	200	nucleai.ai	3.69KB	3ms
custom-pro-widget-nav-m...	200	nucleai.ai	0	3ms
nav-menu.d43af66e5000f...	200	nucleai.ai	2.00KB	9ms
text-editor.2c35aafbe5bf0...	200	nucleai.ai	1.07KB	4ms
swiper.min.js?ver=5.3.6	200	nucleai.ai	33.2KB	7ms
json?portalId=20846800	200	api.hubapi.com	1.03KB	163ms
eicons.woff2?5.27.0	200	nucleai.ai	93.9KB	162ms
Pe51qwHf.json	200	cdn-cookieyes.com	328B	49ms
__ptq.gif?k=1&sd=1367x8...	200	track.hubspot.com	45B	160ms
favicon.png	200	nucleai.ai	512B	7ms

mv_mXl3p.json	200	cdn-cookieyes.com	5.43KB				34ms
la3pAwTJ.json	200	cdn-cookieyes.com	840B				37ms
A80Oamur.json	200	cdn-cookieyes.com	1.93KB				34ms
revisit.svg	200	cdn-cookieyes.com	1.18KB				13ms
close.svg	200	cdn-cookieyes.com	772B				14ms
poweredbtcky.svg	200	cdn-cookieyes.com	1.52KB				22ms
POST log	200	log.cookieyes.com	2B				29ms
<b>184 Requests</b>		<b>3.75MB (6.63MB Uncompressed)</b>					<b>Fully Loaded 13.7s (Onload 2.9s)</b>



### Performance Metrics

<p><b>First Contentful Paint</b></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><b>788ms</b></p>	<p><b>Time to Interactive</b></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><b>13.7s</b></p>
<p><b>Speed Index</b></p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Longer than recommended</p> <p><b>1.9s</b></p>	<p><b>Total Blocking Time</b></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><b>640ms</b></p>
<p><b>Largest Contentful Paint</b></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>OK, but consider improvement</p> <p><b>1.3s</b></p>	<p><b>Cumulative Layout Shift</b></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><b>0</b></p>

### Browser Timings

Redirect	0ms	Connect	16ms	Backend	2ms
TTFB	18ms	First Paint	789ms	DOM Int.	1.7s
DOM Loaded	1.8s	Onload	2.9s	Fully Loaded	13.7s

IMPACT AUDIT

Low

Avoid chaining critical requests FCP LCP

66 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: 2.9s

INITIAL NAVIGATION



- <https://nucleai.ai/wp-content/uploads/elementor/css/post-4308.css?ver=1708254893> 1.66KB, 93ms
- <https://nucleai.ai/wp-content/plugins/elementor-pro/assets/lib/smartmenus/jquery.smartmenus.min.js?ver=1.2.1> 7.15KB, 73ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.15.3> 12.3KB, 106ms
- <https://nucleai.ai/wp-content/plugins/sassy-social-share/public/css/sassy-social-share-public.css?ver=3.3.58> 2.71KB, 104ms
- <https://nucleai.ai/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.14.0> 2.82KB, 81ms
- <https://nucleai.ai/wp-content/themes/hello-elementor/style.min.css?ver=3.0.1> 2.08KB, 37ms
- <https://nucleai.ai/wp-includes/js/jquery/ui/core.min.js?ver=1.13.2> 7.10KB, 150ms
- <https://nucleai.ai/wp-content/plugins/essential-addons-for-elementor-lite/assets/front-end/css/view/general.min.css?ver=5.9.9> 1.18KB, 73ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/js/webpack.runtime.min.js?ver=3.19.2> 2.50KB, 79ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/regular.min.css?ver=5.15.3> 766B, 119ms
- <https://nucleai.ai/wp-content/uploads/elementor/css/custom-frontend-lite.min.css?ver=1708254891> 13.0KB, 75ms
- [https://cdn-cookieyes.com/client\\_data/e163a740a64dc74b3a4285a1/script.js](https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/script.js) 33.5KB, 151ms
- <https://nucleai.ai/wp-content/uploads/essential-addons-elementor/ea-el-4182.css?ver=1706578427> 4.09KB, 74ms
- <https://nucleai.ai/wp-content/plugins/elementor-pro/assets/js/frontend.min.js?ver=3.19.2> 6.78KB, 142ms
- <https://nucleai.ai/wp-includes/js/jquery/jquery.min.js?ver=3.7.1> 29.4KB, 123ms
- <https://nucleai.ai/wp-content/uploads/elementor/css/post-4247.css?ver=1708565487> 2.28KB, 92ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/waypoints/waypoints.min.js?ver=4.0.2> 3.26KB, 143ms
- <https://nucleai.ai/wp-content/uploads/elementor/css/custom-pro-widget-nav-menu.min.css?ver=1708254894> 3.49KB, 4ms
- <https://nucleai.ai/wp-content/plugins/nvt-shortcode/css/nvt-style.css?ver=251> 1.01KB, 561ms
- <https://nucleai.ai/wp-content/plugins/nvt-shortcode/js/swiper.min.js?ver=863> 22.1KB, 415ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/js/frontend.min.js?ver=3.19.2> 12.0KB, 151ms
- <https://nucleai.ai/wp-content/plugins/jet-elements/assets/js/jet-elements.min.js?ver=2.6.15> 23.3KB, 197ms
- <https://fonts.googleapis.com/css?family=Open+Sans%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C&subset=latin> 2.80KB, 143ms
- <https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2QVTS-muw.woff2> 47.6KB, 44ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/eicons/css/elementor-icons.min.css?ver=5.27.0> 4.08KB, 82ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.27.0> 94.4KB, 4ms
- <https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js> 404B, 170ms
- <https://unpkg.com/@lottiefiles/lottie-player@2.0.4/dist/lottie-player.js> 96.3KB, 210ms
- <https://nucleai.ai/wp-content/plugins/elementor-pro/assets/lib/sticky/jquery.sticky.min.js?ver=3.19.2> 1.89KB, 186ms
- <https://nucleai.ai/wp-content/uploads/elementor/css/custom-pro-widget-nav-menu.min.css?ver=1708254894> 0B, 1ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.19.2> 12.5KB, 87ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-solid-900.woff2> 76.9KB, 10ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-regular-400.woff2> 13.4KB, 9ms
- <https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-brands-400.woff2> 75.5KB, 10ms
- <https://nucleai.ai/wp-content/uploads/elementor/css/post-5.css?ver=1708254891> 1.03KB, 73ms
- <https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Medium.woff2> 29.0KB, 274ms
- <https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-SemiBold.woff2> 28.5KB, 8ms
- <https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Regular.woff2> 27.5KB, 228ms
- <https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Bold.woff2> 28.8KB, 226ms

Low

Eliminate render-blocking resources FCP LCP

Potential savings of 58ms



Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
<a href="https://nucleai.ai/wp-content/uploads/elementor/css/post-5.css?ver=1708254891">https://nucleai.ai/wp-content/uploads/elementor/css/post-5.css?ver=1708254891</a>	1.03KB	150ms
<a href="https://nucleai.ai/wp-content/plugins/jet-elements/assets/css/jet-elements.css?ver=2.6.15">https://nucleai.ai/wp-content/plugins/jet-elements/assets/css/jet-elements.css?ver=2.6.15</a>	19.6KB	300ms
<a href="https://nucleai.ai/wp-content/plugins/jet-elements/assets/css/jet-elements-skin.css?ver=2.6.15">https://nucleai.ai/wp-content/plugins/jet-elements/assets/css/jet-elements-skin.css?ver=2.6.15</a>	3.11KB	150ms
<a href="https://nucleai.ai/wp-content/uploads/elementor/css/custom-pro-frontend-lite.min.css?ver=1708254891">https://nucleai.ai/wp-content/uploads/elementor/css/custom-pro-frontend-lite.min.css?ver=1708254891</a>	1.80KB	150ms
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.19.2">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.19.2</a>	12.5KB	300ms
<a href="https://nucleai.ai/wp-content/uploads/elementor/css/global.css?ver=1708254893">https://nucleai.ai/wp-content/uploads/elementor/css/global.css?ver=1708254893</a>	8.83KB	150ms
<a href="https://nucleai.ai/wp-content/plugins/sassy-social-share/public/css/sassy-social-share-public.css?ver=3.3.58">https://nucleai.ai/wp-content/plugins/sassy-social-share/public/css/sassy-social-share-public.css?ver=3.3.58</a>	2.71KB	150ms
<a href="https://fonts.googleapis.com/css?family=Open+Sans%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C800%2C800italic%2C900%2C900italic&amp;display=auto&amp;ver=6.4.3">https://fonts.googleapis.com/css?family=Open+Sans%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C800%2C800italic%2C900%2C900italic&amp;display=auto&amp;ver=6.4.3</a>	2.80KB	820ms
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.15.3">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.15.3</a>	12.3KB	150ms
<a href="https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/script.js">https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/script.js</a>	33.5KB	1.1s
<a href="https://nucleai.ai/wp-includes/js/jquery/jquery.min.js?ver=3.7.1">https://nucleai.ai/wp-includes/js/jquery/jquery.min.js?ver=3.7.1</a>	29.4KB	150ms

**Low** **Enable text compression** FCP LCP Potential savings of 201KB

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://nucleai.ai/">https://nucleai.ai/</a>	287KB	201KB

**Low** **Avoid enormous network payloads** LCP Total size was 2.11MB

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

URL	TRANSFER SIZE
<a href="https://nucleai.ai/">https://nucleai.ai/</a>	288KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/red-splash.png">https://nucleai.ai/wp-content/uploads/2022/03/red-splash.png</a>	153KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/platformPic1.jpg">https://nucleai.ai/wp-content/uploads/2022/03/platformPic1.jpg</a>	102KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@2.0.4/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@2.0.4/dist/lottie-player.js</a>	96.3KB
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.27.0">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.27.0</a>	94.4KB
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-solid-900.woff2">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-solid-900.woff2</a>	76.9KB
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-brands-400.woff2">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/webfonts/fa-brands-400.woff2</a>	75.5KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/red-splash-desktop-scaled.jpg">https://nucleai.ai/wp-content/uploads/2022/03/red-splash-desktop-scaled.jpg</a>	51.7KB
<a href="https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2QVTS-muw.woff2">https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2QVTS-muw.woff2</a>	47.6KB
<a href="https://nucleai.ai/wp-content/plugins/sassy-social-share/public/js/sassy-social-share-public.js?ver=3.3.58">https://nucleai.ai/wp-content/plugins/sassy-social-share/public/js/sassy-social-share-public.js?ver=3.3.58</a>	39.5KB

**Low** **Ensure text remains visible during webfont load** FCP LCP 6 fonts found

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

URL	POTENTIAL SAVINGS
<a href="https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Medium.woff2">https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Medium.woff2</a>	274ms
<a href="https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Bold.woff2">https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Bold.woff2</a>	226ms
<a href="https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Regular.woff2">https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-Regular.woff2</a>	228ms
<a href="https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-SemiBold.woff2">https://nucleai.ai/wp-content/uploads/2022/01/Gilroy-SemiBold.woff2</a>	8ms
<a href="https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.woff2">https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.woff2</a>	44ms
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.27.0">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/eicons/fonts/eicons.woff2?5.27.0</a>	4ms

**Low** **Properly size images** Potential savings of 114KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://nucleai.ai/wp-content/uploads/2022/01/logo-1.png">https://nucleai.ai/wp-content/uploads/2022/01/logo-1.png</a>	12.6KB	12.5KB
<a href="https://nucleai.ai/wp-content/uploads/2023/01/GEN_MAL_Logo_4@2x.png">https://nucleai.ai/wp-content/uploads/2023/01/GEN_MAL_Logo_4@2x.png</a>	12.1KB	11.9KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/ESMO-2022-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/ESMO-2022-300x300.png</a>	14.8KB	11.6KB
<a href="https://nucleai.ai/wp-content/uploads/2022/07/Yahoo_Finance_logo_2021.png">https://nucleai.ai/wp-content/uploads/2022/07/Yahoo_Finance_logo_2021.png</a>	10.8KB	10.8KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/ASCO-2022-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/ASCO-2022-300x300.png</a>	9.8KB	7.73KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-20.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-20.png</a>	11.6KB	7.22KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/Path-Visions-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/Path-Visions-300x300.png</a>	8.49KB	6.67KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-11-300x208.jpg">https://nucleai.ai/wp-content/uploads/2022/03/pic-11-300x208.jpg</a>	9.51KB	6.57KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/1280px-Duke_University_logo.svg.png">https://nucleai.ai/wp-content/uploads/2022/01/1280px-Duke_University_logo.svg.png</a>	6.53KB	6.50KB
<a href="https://nucleai.ai/wp-content/uploads/2023/04/tls-paper-300x167.png">https://nucleai.ai/wp-content/uploads/2023/04/tls-paper-300x167.png</a>	10.2KB	6.25KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022-c.png">https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022-c.png</a>	8.84KB	5.05KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-21.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-21.png</a>	6.46KB	4.31KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-23-287x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-23-287x300.png</a>	5.18KB	4.26KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme.png">https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme.png</a>	4.25KB	4.18KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme-1.png">https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme-1.png</a>	4.25KB	4.18KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/bwlogo_extreme-1.png">https://nucleai.ai/wp-content/uploads/2022/03/bwlogo_extreme-1.png</a>	4.25KB	4.18KB

**Low** **Reduce unused CSS** FCP LCP Potential savings of 56.6KB

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
<a href="https://nucleai.ai/wp-content/plugins/jet-elements/assets/css/jet-elements.css?ver=2.6.15">https://nucleai.ai/wp-content/plugins/jet-elements/assets/css/jet-elements.css?ver=2.6.15</a>	19.6KB	19.6KB
<a href="https://nucleai.ai/wp-content/uploads/elementor/css/custom-front-end-lite.min.css?ver=1708254891">https://nucleai.ai/wp-content/uploads/elementor/css/custom-front-end-lite.min.css?ver=1708254891</a>	13.0KB	12.4KB
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.19.2">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.19.2</a>	12.5KB	12.4KB
<a href="https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.15.3">https://nucleai.ai/wp-content/plugins/elementor/assets/lib/font-awesome/css/fontawesome.min.css?ver=5.15.3</a>	12.3KB	12.2KB

**Low** **Serve images in next-gen formats** Potential savings of 33.2KB

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
<a href="data:image/png;base64,iVBORw0KGgoAAAANSUHEUgAAAsGAAALICAYAAABiqwZ2AAAAGXRFWHRTb2Z0d2FyZQBBZG9iZSBjb...">data:image/png;base64,iVBORw0KGgoAAAANSUHEUgAAAsGAAALICAYAAABiqwZ2AAAAGXRFWHRTb2Z0d2FyZQBBZG9iZSBjb...</a>	50.4KB	33.2KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://nucleai.ai/wp-content/uploads/2022/03/red-splash.png">https://nucleai.ai/wp-content/uploads/2022/03/red-splash.png</a>	153KB	153KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/platformPic1.jpg">https://nucleai.ai/wp-content/uploads/2022/03/platformPic1.jpg</a>	101KB	101KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/platformPic2.jpg">https://nucleai.ai/wp-content/uploads/2022/03/platformPic2.jpg</a>	22.3KB	22.3KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/art.png">https://nucleai.ai/wp-content/uploads/2022/03/art.png</a>	21.1KB	21.1KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/ESMO-2022-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/ESMO-2022-300x300.png</a>	14.8KB	14.8KB
<a href="https://nucleai.ai/wp-content/uploads/2022/07/Photo-BloomKenneth-e1706541137440-300x300.jpg">https://nucleai.ai/wp-content/uploads/2022/07/Photo-BloomKenneth-e1706541137440-300x300.jpg</a>	13.0KB	13.0KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/logo-1.png">https://nucleai.ai/wp-content/uploads/2022/01/logo-1.png</a>	12.6KB	12.6KB
<a href="https://nucleai.ai/wp-content/uploads/2023/01/GEN_MAL_Logo_4@2x.png">https://nucleai.ai/wp-content/uploads/2023/01/GEN_MAL_Logo_4@2x.png</a>	12.1KB	12.1KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-20.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-20.png</a>	11.6KB	11.6KB
<a href="https://nucleai.ai/wp-content/uploads/2022/07/Yahoo_Finance_logo_2021.png">https://nucleai.ai/wp-content/uploads/2022/07/Yahoo_Finance_logo_2021.png</a>	10.8KB	10.8KB
<a href="https://nucleai.ai/wp-content/uploads/2023/04/tls-paper-300x167.png">https://nucleai.ai/wp-content/uploads/2023/04/tls-paper-300x167.png</a>	10.2KB	10.2KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/ASCO-2022-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/ASCO-2022-300x300.png</a>	9.8KB	9.8KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-11-300x208.jpg">https://nucleai.ai/wp-content/uploads/2022/03/pic-11-300x208.jpg</a>	9.51KB	9.51KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022-c.png">https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022-c.png</a>	8.84KB	8.84KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/Path-Visions-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/Path-Visions-300x300.png</a>	8.49KB	8.49KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/1280px-Duke_University_logo.svg.png">https://nucleai.ai/wp-content/uploads/2022/01/1280px-Duke_University_logo.svg.png</a>	6.53KB	6.53KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-21.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-21.png</a>	6.46KB	6.46KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/uscap-6.png">https://nucleai.ai/wp-content/uploads/2023/03/uscap-6.png</a>	6.35KB	6.35KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022.png">https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022.png</a>	6.27KB	6.27KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/team-1-300x300.jpg">https://nucleai.ai/wp-content/uploads/2022/03/team-1-300x300.jpg</a>	5.49KB	5.49KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-19-199x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-19-199x300.png</a>	5.30KB	5.30KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/bioarchive.png">https://nucleai.ai/wp-content/uploads/2023/03/bioarchive.png</a>	5.25KB	5.25KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-23-287x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-23-287x300.png</a>	5.18KB	5.18KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-15-300x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-15-300x300.png</a>	5.18KB	5.18KB
<a href="https://nucleai.ai/wp-content/uploads/2022/10/ENA-300x300.png">https://nucleai.ai/wp-content/uploads/2022/10/ENA-300x300.png</a>	4.91KB	4.91KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-18-300x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-18-300x300.png</a>	4.90KB	4.90KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022-B.png">https://nucleai.ai/wp-content/uploads/2023/03/SITC-2022-B.png</a>	4.70KB	4.70KB
<a href="https://nucleai.ai/wp-content/uploads/2023/05/Oscar-5-300x300.png">https://nucleai.ai/wp-content/uploads/2023/05/Oscar-5-300x300.png</a>	4.50KB	4.50KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-22-300x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-22-300x300.png</a>	4.46KB	4.46KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme.png">https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme.png</a>	4.25KB	4.25KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme-1.png">https://nucleai.ai/wp-content/uploads/2022/01/bwlogo_extreme-1.png</a>	4.25KB	4.25KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/bwlogo_extreme-1.png">https://nucleai.ai/wp-content/uploads/2022/03/bwlogo_extreme-1.png</a>	4.25KB	4.25KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-14-300x300.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-14-300x300.png</a>	3.94KB	3.94KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-10-300x225.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-10-300x225.png</a>	3.83KB	3.83KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-300x232.jpg">https://nucleai.ai/wp-content/uploads/2022/03/pic-300x232.jpg</a>	3.30KB	3.30KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/icon4.jpg">https://nucleai.ai/wp-content/uploads/2022/03/icon4.jpg</a>	3.28KB	3.28KB
<a href="https://nucleai.ai/wp-content/uploads/2022/08/ai-thority.png">https://nucleai.ai/wp-content/uploads/2022/08/ai-thority.png</a>	3.24KB	3.24KB
<a href="https://nucleai.ai/wp-content/uploads/2022/01/logo-2.png">https://nucleai.ai/wp-content/uploads/2022/01/logo-2.png</a>	3.14KB	3.14KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/icon3.jpg">https://nucleai.ai/wp-content/uploads/2022/03/icon3.jpg</a>	2.91KB	2.91KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/Vertex.png">https://nucleai.ai/wp-content/uploads/2023/03/Vertex.png</a>	2.82KB	2.82KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/Grove-.png">https://nucleai.ai/wp-content/uploads/2023/03/Grove-.png</a>	2.54KB	2.54KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/icon8.jpg">https://nucleai.ai/wp-content/uploads/2022/03/icon8.jpg</a>	2.51KB	2.51KB
<a href="https://nucleai.ai/wp-content/uploads/2023/03/Section-32-1.png">https://nucleai.ai/wp-content/uploads/2023/03/Section-32-1.png</a>	2.46KB	2.46KB
<a href="https://nucleai.ai/wp-content/uploads/2022/03/icon6.jpg">https://nucleai.ai/wp-content/uploads/2022/03/icon6.jpg</a>	2.46KB	2.46KB

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://nucleai.ai/wp-content/uploads/2022/03/pic-13.png">https://nucleai.ai/wp-content/uploads/2022/03/pic-13.png</a>	2.21KB	2.21KB

**Low** **Avoid non-composited animations** CLS 3 animated elements found

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

ELEMENT	NAME
body.home	
<code>&lt;body class="home page-template page-template-elementor_header_footer page page-id-4182..." data-elementor-device-mode="laptop"&gt;</code>	
Unsupported CSS Property: background-size	shrink
div.elementor-column > div.elementor-widget-wrap > div.elementor-element > ::before	
<code>&lt;::before&gt;</code>	
Unsupported CSS Property: visibility	visibility
div.elementor-widget-container > div.elementor-icon-box-wrapper > div.elementor-icon-box-icon > a.elementor-icon	
<code>&lt;a href="#mission" class="elementor-icon elementor-animation-" tabindex="-1"&gt;</code>	
Unsupported CSS Property: visibility	visibility

**Low** **Minify JavaScript** FCP LCP Potential savings of 3.11KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• inline: jQuery( document ).ready(function() { ...	4.50KB	3.11KB

**Low** **Remove duplicate modules in JavaScript bundles** TBT Potential savings of 88.2KB

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity.

SOURCE	TRANSFER SIZE	POTENTIAL SAVINGS
node_modules/lottie-web		77.4KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	77.4KB	
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	77.4KB	
./src/lottie-player.ts		3.44KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	3.44KB	
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	3.44KB	
node_modules/@lit/reactive-element		2.19KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	2.19KB	
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	2.19KB	
node_modules/lit-html		2.17KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	2.17KB	
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	2.17KB	
node_modules/tslib		1.78KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	1.78KB	
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	1.78KB	
Other		1.21KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>		

Low

**Reduce unused JavaScript** LCP

Potential savings of 195KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	96.3KB	83.0KB
...node_modules/lottie-web/build/player/lottie.js	77.4KB	67.6KB
...src/lottie-player.ts	3.44KB	2.72KB
...node_modules/lit-html/lit-html.js	2.17KB	1.93KB
...node_modules/tslib/tslib.es6.js	1.78KB	1.67KB
...node_modules/@lit/reactive-element/reactive-element.js	1.47KB	1.08KB
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	96.3KB	52.4KB
...node_modules/lottie-web/build/player/lottie.js	77.4KB	41.0KB
...node_modules/tslib/tslib.es6.js	1.78KB	1.67KB
...src/lottie-player.ts	3.44KB	1.38KB
<a href="https://nucleai.ai/wp-content/plugins/sassy-social-share/public/js/sassy-social-share-public.js?ver=3.3.58">https://nucleai.ai/wp-content/plugins/sassy-social-share/public/js/sassy-social-share-public.js?ver=3.3.58</a>	39.5KB	37.3KB
<a href="https://nucleai.ai/wp-content/plugins/jet-elements/assets/js/jet-elements.min.js?ver=2.6.15">https://nucleai.ai/wp-content/plugins/jet-elements/assets/js/jet-elements.min.js?ver=2.6.15</a>	23.3KB	22.2KB

N/A

**Largest Contentful Paint element** LCP

1,250 ms

This is the largest contentful element painted within the viewport.

## ELEMENT

Transforming Precision Medicine Powered by AI-Pathology

```
<h2 class="elementor-heading-title elementor-size-default">
```

PHASE	% OF LCP	TIMING
TTFB	1%	18ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	99%	1.2s

N/A

**Reduce initial server response time** FCP LCP

Root document took 1ms

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

## URL

## TIME SPENT

- <https://nucleai.ai/>

1ms

N/A

**Avoid serving legacy JavaScript to modern browsers** TBT

Potential savings of 28.1KB

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
<a href="https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/banner.js">https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/banner.js</a>	14.0KB
Line:0 Column:39638	Array.prototype.filter
Line:0 Column:39901	Array.prototype.find
Line:0 Column:40066	Array.from
Line:0 Column:41304	Array.prototype.map
Line:0 Column:43788	Object.getOwnPropertyDescriptors
Line:0 Column:44227	Object.keys
Line:0 Column:75399	@babel/plugin-transform-regenerator
<a href="https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/script.js">https://cdn-cookieyes.com/client_data/e163a740a64dc74b3a4285a1/script.js</a>	13.9KB
Line:0 Column:40849	Array.prototype.find
Line:0 Column:41014	Array.from
Line:0 Column:42252	Array.prototype.map
<a href="https://nucleai.ai/wp-content/plugins/essential-addons-for-elementor-lite/assets/front-end/js/view/general.min.js?ver=5.9.9">https://nucleai.ai/wp-content/plugins/essential-addons-for-elementor-lite/assets/front-end/js/view/general.min.js?ver=5.9.9</a>	65B
Line:0 Column:3775	@babel/plugin-transform-classes
<a href="https://nucleai.ai/wp-content/plugins/sassy-social-share/public/js/sassy-social-share-public.js?ver=3.3.58">https://nucleai.ai/wp-content/plugins/sassy-social-share/public/js/sassy-social-share-public.js?ver=3.3.58</a>	59B
Line:1968 Column:3883	@babel/plugin-transform-classes
<a href="https://nucleai.ai/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2">https://nucleai.ai/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2</a>	57B
Line:0 Column:452	@babel/plugin-transform-classes
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	43B
Line:0 Column:5232	@babel/plugin-transform-classes
<a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	43B
Line:0 Column:5232	@babel/plugin-transform-classes

N/A

**Avoid large layout shifts** CLS

2 elements found

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

ELEMENT	CLS CONTRIBUTION
OUR MISSION TECHNOLOGY PRODUCTS ABOUT US EVENTS JOIN US CONTACT <ul id="menu-1-266442e6" class="elementor-nav-menu" data-smartmenus-id="17102268513178499">	0.00
OUR MISSION TECHNOLOGY PRODUCTS ABOUT US EVENTS JOIN US CONTACT <div class="elementor-element elementor-element-266442e6 elementor-nav-menu__align-end..." data-id="266442e6" data-element_type="widget" data-settings="{&quot;full_width&quot;:&quot;stretch&quot;;,&quot;submenu_icon&quot;:{&quot;value&quot;:&quot;,&quot;class=&quot; \&quot; \&quot;}&quot;}>	0.00

N/A

**Minimize main-thread work** TBT

Main-thread busy for 14.6s

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	6.0s
Style & Layout	3.6s
Other	2.6s
Rendering	1.9s
Garbage Collection	453ms
Parse HTML & CSS	96ms
Script Parsing & Compilation	60ms

N/A **Reduce the impact of third-party code** TBT Third-party code blocked the main thread for 28ms

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
<b>UNPKG</b>	96.7KB	28ms
• <a href="https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@latest/dist/lottie-player.js</a>	404B	28ms
• <a href="https://unpkg.com/@lottiefiles/lottie-player@2.0.4/dist/lottie-player.js">https://unpkg.com/@lottiefiles/lottie-player@2.0.4/dist/lottie-player.js</a>	96.3KB	0ms
<b>CDN-COOKIEYES.COM</b>	77.3KB	0ms
• <a href="https://cdn-cookieeyes.com/client_data/e163a740a64dc74b3a4285a1/script.js">https://cdn-cookieeyes.com/client_data/e163a740a64dc74b3a4285a1/script.js</a>	33.5KB	0ms
• <a href="https://cdn-cookieeyes.com/client_data/e163a740a64dc74b3a4285a1/banner.js">https://cdn-cookieeyes.com/client_data/e163a740a64dc74b3a4285a1/banner.js</a>	31.9KB	0ms
• <a href="https://cdn-cookieeyes.com/client_data/e163a740a64dc74b3a4285a1/config/mv_mXl3p.json">https://cdn-cookieeyes.com/client_data/e163a740a64dc74b3a4285a1/config/mv_mXl3p.json</a>	5.43KB	0ms
• Other resources	6.53KB	0ms
<b>HUBSPOT</b>	76.5KB	0ms
• <a href="https://js.hscollectedforms.net/collectedforms.js">https://js.hscollectedforms.net/collectedforms.js</a>	25.2KB	0ms
• <a href="https://js.hs-banner.com/v2/20846800/banner.js">https://js.hs-banner.com/v2/20846800/banner.js</a>	23.0KB	0ms
• <a href="https://js.hs-analytics.net/analytics/1710226800000/20846800.js">https://js.hs-analytics.net/analytics/1710226800000/20846800.js</a>	21.2KB	0ms
• Other resources	7.13KB	0ms
<b>GOOGLE FONTS</b>	50.4KB	0ms
• <a href="https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.woff2">https://fonts.gstatic.com/s/opensans/v40/memvYaGs126MiZpBA-UvWbX2vVnXBbObj2OVTS-muw.woff2</a>	47.6KB	0ms
<b>HUBAPI.COM</b>	1.03KB	0ms
<b>COOKIEYES.COM</b>	305B	0ms

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

No user timings and/or marks found.