



Performance

Metrics			=
First Contentful Paint	0.9 s	Time to Interactive	0.9 s
Speed Index	1.1 s	Total Blocking Time	0 ms
Largest Contentful Paint	1.9 s	Cumulative Layout Shift	0.106

Values are estimated and may vary. The <u>performance score is calculated</u> directly from these metrics. <u>See calculator</u>.

View Original Trace



Opportunities — These suggestions can help your page load faster. They don't <u>directly affect</u> the Performance score.

Opportunity Estimated Savings

Eliminate render-blocking resources

0.92 s ^

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

Show 2rd party recourses	m	
Show 3rd-party resources	ιUΙ	
1 2	٠,	

URL	Transfer Size	Potential Savings
css/bootstrap.css (brunoclevenot.github.io)	22.2 KiB	180 ms
/BrunoClevenot_04_12072021/style.css (brunoclevenot.github.io)	4.6 KiB	180 ms
css/font-awesome.css (brunoclevenot.github.io)	7.9 KiB	180 ms
css/et-line.css (brunoclevenot.github.io)	2.2 KiB	180 ms

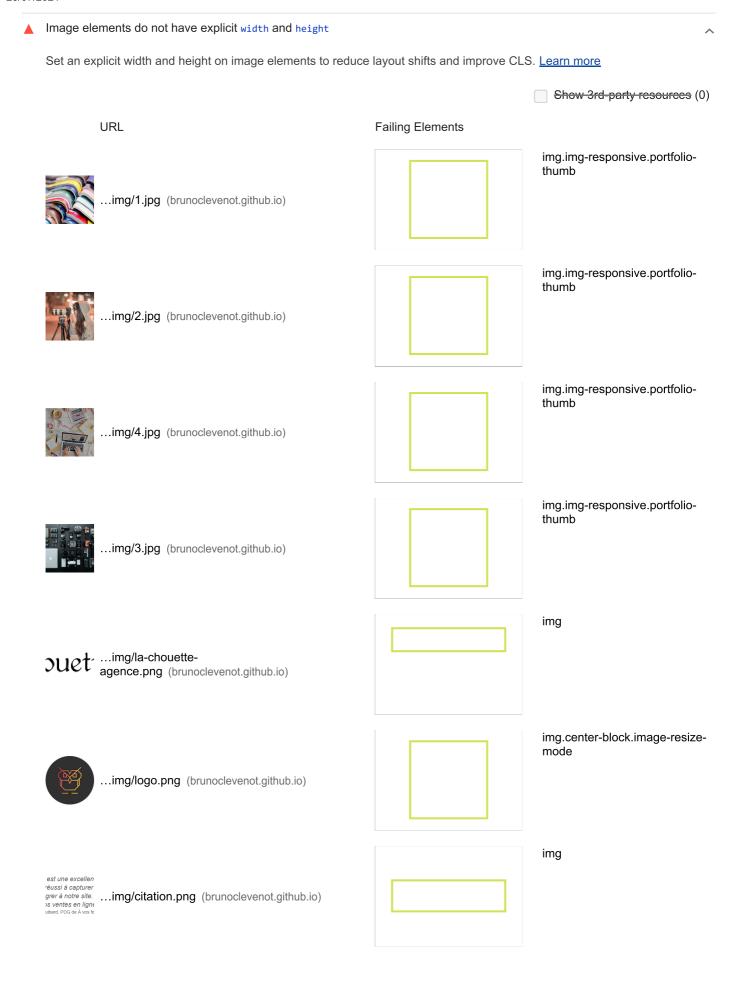
URL	Transfer Size	Potential Savings
js/jquery-2.1.0.js (brunoclevenot.github.io)	35.5 KiB	300 ms
js/bootstrap.js (brunoclevenot.github.io)	11.7 KiB	220 ms
js/blocs.js (brunoclevenot.github.io)	3.9 KiB	100 ms
js/gmaps.js (brunoclevenot.github.io)	15.0 KiB	140 ms

Use HTTP/2 0.59 s ^

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. <u>Learn more</u>.

TITTI /2 offers maily benefits over ITT IT /1.1, including billary fleaders and multiplexing.	.can more.
	Show 3rd-party resources (0)
URL	Protocol
/BrunoClevenot_04_12072021/ (brunoclevenot.github.io)	http/1.1
css/bootstrap.css (brunoclevenot.github.io)	http/1.1
/BrunoClevenot_04_12072021/style.css (brunoclevenot.github.io)	http/1.1
css/font-awesome.css (brunoclevenot.github.io)	http/1.1
css/et-line.css (brunoclevenot.github.io)	http/1.1
js/jquery-2.1.0.js (brunoclevenot.github.io)	http/1.1
js/bootstrap.js (brunoclevenot.github.io)	http/1.1
js/blocs.js (brunoclevenot.github.io)	http/1.1
js/jquery.touchSwipe.js (brunoclevenot.github.io)	http/1.1
js/gmaps.js (brunoclevenot.github.io)	http/1.1
img/la-chouette-agence.png (brunoclevenot.github.io)	http/1.1
img/logo.png (brunoclevenot.github.io)	http/1.1
img/title.png (brunoclevenot.github.io)	http/1.1
img/citation.png (brunoclevenot.github.io)	http/1.1
img/title2.png (brunoclevenot.github.io)	http/1.1
img/1.jpg (brunoclevenot.github.io)	http/1.1
img/2.jpg (brunoclevenot.github.io)	http/1.1
img/3.jpg (brunoclevenot.github.io)	http/1.1
img/4.jpg (brunoclevenot.github.io)	http/1.1
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io)	http/1.1
img/texture-paper.png (brunoclevenot.github.io)	http/1.1
img/image-de-presentation.jpg (brunoclevenot.github.io)	http/1.1
img/lines-h2-bg.png (brunoclevenot.github.io)	http/1.1
fonts/et-line.woff (brunoclevenot.github.io)	http/1.1

URL Protocol ...fonts/fontawesome-webfont.woff2?v=4.7.0 (brunoclevenot.github.io) http/1.1 /BrunoClevenot_04_12072021/favicon.jpg (brunoclevenot.github.io) http/1.1 0.32 s ^ Properly size images Serve images that are appropriately-sized to save cellular data and improve load time. Learn more. Show 3rd-party resources (0) Potential Resource URL Savings Size ..img/1.jpg (brunoclevenot.github.io) 266.5 KiB 247.2 KiB 106.7 KiB ...img/2.jpg (brunoclevenot.github.io) 87.0 KiB 87.8 KiB 25.3 KiB ...img/4.jpg (brunoclevenot.github.io) 72.8 KiB 21.0 KiB ..img/3.jpg (brunoclevenot.github.io) 3U2t ...img/la-chouette-agence.png (brunoclevenot.github.io) 26.6 KiB 18.4 KiB 24.4 KiB 13.6 KiB ...img/logo.png (brunoclevenot.github.io) Preload key requests 0.14 s ^ Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load. Learn more. Show 3rd-party resources (0) **URL Potential Savings** ...fonts/fontawesome-webfont.woff2?v=4.7.0 (brunoclevenot.github.io) 140 ms ...fonts/et-line.woff (brunoclevenot.github.io) 100 ms Diagnostics — More information about the performance of your application. These numbers don't directly affect the Performance score. Ensure text remains visible during webfont load Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. Learn more. Show 3rd-party resources (0) Potential **URL** Savings ...fonts/et-line.woff (brunoclevenot.github.io) 640 ms ...fonts/fontawesome-webfont.woff2?v=4.7.0 (brunoclevenot.github.io) 600 ms



	URL	Failing Elements	
ne agend attractive			img
avec bea	Ima/titlez.pna (prunocievenot.aitnup.io)		img

▲ Serve static assets with an efficient cache policy — 24 resources found

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

Show 3rd party resources (0)

URL	Cache TTL	Transfer Size
img/image-de-presentation.jpg (brunoclevenot.github.io)	10 m	810 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io)	10 m	601 KiB
img/1.jpg (brunoclevenot.github.io)	10 m	267 KiB
img/2.jpg (brunoclevenot.github.io)	10 m	107 KiB
img/texture-paper.png (brunoclevenot.github.io)	10 m	95 KiB
img/4.jpg (brunoclevenot.github.io)	10 m	89 KiB
fonts/fontawesome-webfont.woff2?v=4.7.0 (brunoclevenot.github.io)	10 m	76 KiB
img/3.jpg (brunoclevenot.github.io)	10 m	74 KiB
fonts/et-line.woff (brunoclevenot.github.io)	10 m	55 KiB
js/jquery-2.1.0.js (brunoclevenot.github.io)	10 m	36 KiB
img/la-chouette-agence.png (brunoclevenot.github.io)	10 m	27 KiB
img/logo.png (brunoclevenot.github.io)	10 m	25 KiB
css/bootstrap.css (brunoclevenot.github.io)	10 m	22 KiB
js/gmaps.js (brunoclevenot.github.io)	10 m	15 KiB
img/citation.png (brunoclevenot.github.io)	10 m	12 KiB
js/bootstrap.js (brunoclevenot.github.io)	10 m	12 KiB
img/title.png (brunoclevenot.github.io)	10 m	10 KiB
img/title2.png (brunoclevenot.github.io)	10 m	9 KiB
css/font-awesome.css (brunoclevenot.github.io)	10 m	8 KiB
js/jquery.touchSwipe.js (brunoclevenot.github.io)	10 m	6 KiB
/BrunoClevenot_04_12072021/style.css (brunoclevenot.github.io)	10 m	5 KiB

URL	Cache TTL	Transfer Size
js/blocs.js (brunoclevenot.github.io)	10 m	4 KiB
css/et-line.css (brunoclevenot.github.io)	10 m	2 KiB
img/lines-h2-bg.png (brunoclevenot.github.io)	10 m	2 KiB

Avoid chaining critical requests — 8 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. Learn more.

Maximum critical path latency: 1,060 ms

Initial Navigation

/BrunoClevenot_04_12072021/ (brunoclevenot.github.io)

...css/bootstrap.css (brunoclevenot.github.io) - 40 ms, 22.23 KiB

/BrunoClevenot_04_12072021/style.css (brunoclevenot.github.io) - 60 ms, 4.61 KiB

...css/font-awesome.css (brunoclevenot.github.io)

...fonts/fontawesome-webfont.woff2?v=4.7.0 (brunoclevenot.github.io) - 600 ms, 76.07 KiB

...css/et-line.css (brunoclevenot.github.io)

...fonts/et-line.woff (brunoclevenot.github.io) - 640 ms, 54.64 KiB

...js/jquery-2.1.0.js (brunoclevenot.github.io) - 120 ms, 35.53 KiB

...js/bootstrap.js (brunoclevenot.github.io) - 120 ms, 11.65 KiB

...js/blocs.js (brunoclevenot.github.io) - 120 ms, 3.86 KiB

...js/gmaps.js (brunoclevenot.github.io) - 120 ms, 14.95 KiB

Keep request counts low and transfer sizes small — 26 requests • 2,382 KiB

To set budgets for the quantity and size of page resources, add a budget.json file. Learn more.

Resource Type	Requests	Transfer Size
Total	26	2,382.2 KiB
Image	13	2,127.0 KiB
Font	2	130.7 KiB
Script	5	72.3 KiB
Stylesheet	4	36.9 KiB
Other	1	11.6 KiB
Document	1	3.7 KiB
Media	0	0.0 KiB
Third-party	0	0.0 KiB

Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. Learn More

	div#bloc-1-hero.bloc.bgc-dark-slate-blue.bg-banniere.d-bloc.bg-t-edge.bloc-bg-texture.te paper.b-parallax	kturo-
Avoid large layout shifts		
These DOM elements o	contribute most to the CLS of the page.	
Element	CLS	Contributio
	div#bloc-2-services.bloc.bgc-white.l-bloc	
		0.076
	::before	
	<::before>	0.01
		0.01
	div.text-center	
		0.00
	h1.text-center.hero-bloc-text.tc-white	
		0.00
		0.00-
	span.et-icon-browser.sm-shadow.icon-dark-slate-blue.icons.icon-lg	
		(
sed audits (26)		
Defer offscreen images		

Minifying CSS files can reduce network payload sizes. <u>Learn more</u> .		
	Show 3rd-party re	esources (0)
URL	Transfer Size	Potential Savings
css/bootstrap.css (brunoclevenot.github.io)	22.2 KiB	4.4 KiB
Minify JavaScript		^
Minifying JavaScript files can reduce payload sizes and script parse time. Learn more.		
Remove unused CSS — Potential savings of 21 KiB		^
Remove dead rules from stylesheets and defer the loading of CSS not used for above-th unnecessary bytes consumed by network activity. <u>Learn more</u> .	ne-fold content to reduce	
	Show 3rd party re	esources (0)
URL	Transfer Size	Potential Savings
css/bootstrap.css (brunoclevenot.github.io)	22.2 KiB	21.2 KiB
Remove unused JavaScript — Potential savings of 23 KiB		^
Remove unused JavaScript to reduce bytes consumed by network activity. <u>Learn more</u> .		
	Show 3rd party re	esources (0)
URL	Transfer Size	Potential Savings
js/jquery-2.1.0.js (brunoclevenot.github.io)	35.5 KiB	23.1 KiB
Efficiently encode images		^
Optimized images load faster and consume less cellular data. <u>Learn more</u> .		
Serve images in next-gen formats		^
Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression t faster downloads and less data consumption. <u>Learn more</u> .	than PNG or JPEG, which	n means
Enable text compression		^
Text-based resources should be served with compression (gzip, deflate or brotli) to minir more.	mize total network bytes.	<u>Learn</u>
Preconnect to required origins		^
Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connect <u>Learn more</u> .	tions to important third-pa	rty origins.
Initial server response time was short — Root document took 20 ms		^
Keep the server response time for the main document short because all other requests of	depend on it. <u>Learn more</u>	
	Show 3rd-party re	esources (0)

JRL	Time Spent
/BrunoClevenot_04_12072021/ (brunoclevenot.github.io)	20 ms
void multiple page redirects	^
Redirects introduce additional delays before the page can be loaded. Learn more.	
Jse video formats for animated content	^
arge GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM video	os for animations and
NG/WebP for static images instead of GIF to save network bytes. Learn more	
Remove duplicate modules in JavaScript bundles	^
Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consu	med by network activity.
void serving legacy JavaScript to modern browsers	^
Polyfills and transforms enable legacy browsers to use new JavaScript features. However, mar	ny aren't necessary for
nodern browsers. For your bundled JavaScript, adopt a modern script deployment strategy usi	
letection to reduce the amount of code shipped to modern browsers, while retaining support fo <u>More</u>	or legacy browsers. <u>Learn</u>
Preload Largest Contentful Paint image	
Preload the image used by the LCP element in order to improve your LCP time. <u>Learn more.</u>	
reload the image used by the Eor German in order to improve your Eor time. Ecan more.	
	Show 3rd party resources (0)
URL	
URLimg/la-chouette-agence-banniere.jpg (brunoclevenot.github.io)	
	Potential Savings
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io)	Potential Savings 0 ms
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB	Potential Savings 0 ms
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB	Potential Savings 0 ms Learn more.
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times.	Potential Savings 0 ms Learn more. Show 3rd-party resources (0)
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times.	Potential Savings 0 ms Learn more. Show 3rd-party resources (0) Transfer Size
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. I	Potential Savings 0 ms Learn more. Show 3rd-party resources (0) Transfer Size 809.9 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. I JRL img/image-de-presentation.jpg (brunoclevenot.github.io) img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io)	Potential Savings 0 ms Learn more. Show 3rd-party resources (0) Transfer Size 809.9 KiB 601.0 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. I JRL img/image-de-presentation.jpg (brunoclevenot.github.io) img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) img/1.jpg (brunoclevenot.github.io)	Potential Savings 0 ms Learn more. Show 3rd party resources (0) Transfer Size 809.9 KiB 601.0 KiB 267.2 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) voids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. I JRL img/image-de-presentation.jpg (brunoclevenot.github.io) img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) img/1.jpg (brunoclevenot.github.io) img/2.jpg (brunoclevenot.github.io)	Potential Savings 0 ms Learn more. Show 3rd-party resources (0) Transfer Size 809.9 KiB 601.0 KiB 267.2 KiB 107.4 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) avoids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. In the same of	Potential Savings 0 ms Learn more. Show 3rd-party resources (0) Transfer Size 809.9 KiB 601.0 KiB 267.2 KiB 107.4 KiB 94.6 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) woids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. I JRL img/image-de-presentation.jpg (brunoclevenot.github.io) img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) img/1.jpg (brunoclevenot.github.io) img/2.jpg (brunoclevenot.github.io) img/texture-paper.png (brunoclevenot.github.io) img/4.jpg (brunoclevenot.github.io)	Potential Savings 0 ms Learn more. Show 3rd party resources (0) Transfer Size 809.9 KiB 601.0 KiB 267.2 KiB 107.4 KiB 94.6 KiB 88.5 KiB
img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) woids enormous network payloads — Total size was 2,382 KiB arge network payloads cost users real money and are highly correlated with long load times. I JRL img/image-de-presentation.jpg (brunoclevenot.github.io) img/la-chouette-agence-banniere.jpg (brunoclevenot.github.io) img/1.jpg (brunoclevenot.github.io) img/2.jpg (brunoclevenot.github.io) img/texture-paper.png (brunoclevenot.github.io) img/4.jpg (brunoclevenot.github.io) img/4.jpg (brunoclevenot.github.io) img/fontawesome-webfont.woff2?v=4.7.0 (brunoclevenot.github.io)	Potential Savings 0 ms Learn more. Show 3rd-party resources (0) Transfer Size 809.9 KiB 601.0 KiB 267.2 KiB 107.4 KiB 94.6 KiB 88.5 KiB 76.1 KiB

Avoids an excessive DOM size — 178 elements

Minimize third-party usage

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

A large DOW will increase memory us	ouge, oddoe longer <u>otyle out</u>	jalationo , and product		
Statistic	Element			Value
Total DOM Elements				178
Maximum DOM Depth		span.fa.fa-twitter	icon-md	11
Maximum Child Elements		ul		9
User Timing marks and measures				^
Consider instrumenting your app with experiences. <u>Learn more</u> .	n the User Timing API to mea	sure your app's real-v	vorld performance durin	ig key user
				^
JavaScript execution time — 0.0 s				
JavaScript execution time — 0.0 s Consider reducing the time spent par with this. Learn more.	rsing, compiling, and executing	ng JS. You may find d		
Consider reducing the time spent par	rsing, compiling, and executing		elivering smaller JS pay Show 3rd party	
Consider reducing the time spent par with this. <u>Learn more</u> .	rsing, compiling, and executing	ng JS. You may find d Total CPU Time		/ resources (0)
Consider reducing the time spent par		Total CPU	Show 3rd party	
Consider reducing the time spent par with this. Learn more. URL		Total CPU Time	Show 3rd party Script Evaluation	/ resources (0) Script Parse
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bru	inoclevenot.github.io)	Total CPU Time 83 ms	Show 3rd party Script Evaluation 1 ms	/ resources (0) Script Parse 0 ms
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruunottributable)	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruun Unattributable) Minimizes main-thread work — 0.2 statement of the consider reducing the time spent par with this. Learn more	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruunattributable) Minimizes main-thread work — 0.2 statement of the consider reducing the time spent par with this. Learn more	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruunattributable) Minimizes main-thread work — 0.2 statement of the consider reducing the time spent par with this. Learn more Category	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms loads helps
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruunattributable) Minimizes main-thread work — 0.2 statement of the consider reducing the time spent par with this. Learn more Category Other	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms loads helps Time Spen 86 ms
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruun unattributable) Minimizes main-thread work — 0.2 statement of the consider reducing the time spent par with this. Learn more Category Other Rendering	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms loads helps Time Spent 86 ms 36 ms
Consider reducing the time spent par with this. Learn more. URL /BrunoClevenot_04_12072021/ (bruunattributable) Minimizes main-thread work — 0.2 statement of the consider reducing the time spent par with this. Learn more Category Other Rendering Script Evaluation	inoclevenot.github.io)	Total CPU Time 83 ms 64 ms	Show 3rd parts Script Evaluation 1 ms 1 ms	y resources (0) Script Parse 0 ms 0 ms loads helps Time Spent 86 ms 36 ms 24 ms

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. <u>Learn more</u>.

Lazy load third-party resources with facades

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

Uses passive listeners to improve scrolling performance

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

Avoids document.write()

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. <u>Learn more</u>.

Avoid long main-thread tasks

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

Avoid non-composited animations

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



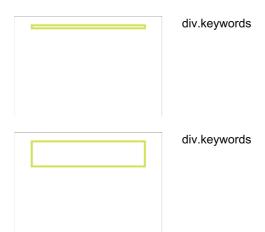
Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Contrast — These are opportunities to improve the legibility of your content.

Background and foreground colors do not have a sufficient contrast ratio.

Low-contrast text is difficult or impossible for many users to read. Learn more.



p.text-center.white
div.col-sm-4
а
а
а
a
div.col-sm-4
а

а
а
а
а
а
а
а
а

div.col-sm-4
а
а
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а

▲ Links do not have a discernible name

navigation experience for screen reader users. <u>Learn more</u>.

	a	
	a	
Nav	vigation — These are opportunities to improve keyboard navigation in your application.	
<u> </u>	Heading elements are not in a sequentially-descending order	
	Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. <u>Learn more</u> .	
	Failing Elements	
	h3.mg-md.text-center	
	ernationalization and localization — These are opportunities to improve the interpretation of your content by users in erent locales.	
<u> </u>	html element does not have a valid value for its [lang] attribute.	,
	Specifying a valid <u>BCP 47 language</u> helps screen readers announce text properly. <u>Learn more</u> .	
	Falling Clareante	
	Failing Elements html	
	mes and labels — These are opportunities to improve the semantics of the controls in your application. This may enhance experience for users of assistive technology, like a screen reader.	

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the

15/26

	a.social	
	a.social	
	a.social	
	a.social	
e in our guide on <u>conduct</u>	y check (10) — These items address areas which an automated testing tool cannot cover. Le	arn
e in our guide on <u>conduct</u> The page has a logical ta	ng an accessibility review. b order	arn
e in our guide on <u>conduct</u> The page has a logical ta	b order follows the visual layout. Users cannot focus elements that are offscreen. Learn more.	arn
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Custom interactive controls have	appropriate ARIA roles.	Learn more.
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Visual order on the page follows DOM order

DOM order matches the visual order, improving navigation for assistive technology. Learn more.

Offscreen content is hidden from assistive technology

Offscreen content is hidden with display: none or aria-hidden=true. Learn more.

HTML5 landmark elements are used to improve navigation

Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology. <u>Learn more</u>.

Passed audits (9)

[aria-hidden="true"] is not present on the document <body>

Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document `<body>`. Learn more.

The page contains a heading, skip link, or landmark region

Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. Learn more.

Document has a <title> element

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more</u>.

[id] attributes on active, focusable elements are unique

All focusable elements must have a unique 'id' to ensure that they're visible to assistive technologies. Learn more.

<html> element has a [lang] attribute

If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. <u>Learn more</u>.

Image elements have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more</u>.

Lists contain only $\langle 1i \rangle$ elements and script supporting elements ($\langle script \rangle$ and $\langle template \rangle$).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn more</u>.

List items () are contained within or parent elements

Screen readers require list items (``) to be contained within a parent `` or `` to be announced properly. <u>Learn more</u>.

[user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. <u>Learn more</u>.

Not applicable (31) [accesskey] values are unique Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Learn more. [aria-*] attributes match their roles Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. Learn more. button, link, and menuitem elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [aria-hidden="true"] elements do not contain focusable descendents Focusable descendents within an `[aria-hidden="true"]` element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn more. ARIA input fields have accessible names When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more, Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. [role] values are valid ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more. ARIA toggle fields have accessible names

When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA tooltip elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA treeitem elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [aria-*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. Buttons have an accessible name When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. Learn more. <dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements. When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Learn more. Definition list items are wrapped in <dl> elements Definition list items ('<dt>' and '<dd>') must be wrapped in a parent '<dl>' element to ensure that screen readers can properly announce them. Learn more. ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Learn No form fields have multiple labels Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. Learn more. <frame> or <iframe> elements have a title Screen reader users rely on frame titles to describe the contents of frames. Learn more. <input type="image"> elements have [alt] text When an image is being used as an `<input>` button, providing alternative text can help screen reader users understand the purpose of the button. Learn more. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more. The document does not use <meta http-equiv="refresh">

Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. <u>Learn more</u>.

<object> elements have [alt] text

Screen readers cannot translate non-text content. Adding all text to `<object>` elements helps screen readers convey meaning to users. <u>Learn more</u>.

No element has a [tabindex] value greater than 0

A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. <u>Learn more</u>.

Cells in a element that use the [headers] attribute refer to table cells within the same table.

Screen readers have features to make navigating tables easier. Ensuring `` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. <u>Learn more</u>.

elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. <u>Learn more</u>.

[lang] attributes have a valid value

Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn more</u>.

<video> elements contain a <track> element with [kind="captions"]

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more.



Best Practices

Trust and Safety

Includes front-end JavaScript libraries with known security vulnerabilities — 9 vulnerabilities detected

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. Learn more.

Library Version	Vulnerability Count	Highest Severity
Bootstrap@3.3.5	5	Medium
<u>jQuery@2.1.0</u>	4	Medium

Passed audits (16)

Uses HTTPS All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding mixed content, where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. Learn more. Links to cross-origin destinations are safe Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. Learn more. Avoids requesting the geolocation permission on page load Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. Learn more. Avoids requesting the notification permission on page load Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. Learn more. Allows users to paste into password fields Preventing password pasting undermines good security policy. Learn more. Displays images with correct aspect ratio Image display dimensions should match natural aspect ratio. Learn more. Serves images with appropriate resolution Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn more. Page has the HTML doctype Specifying a doctype prevents the browser from switching to quirks-mode. Learn more. Properly defines charset A character encoding declaration is required. It can be done with a `<meta>` tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. Learn more. Avoids unload event listeners The 'unload' event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Consider using the 'pagehide' or 'visibilitychange' events instead. Learn more **Avoids Application Cache** Application Cache is deprecated. Learn more. **Detected JavaScript libraries** All front-end JavaScript libraries detected on the page. Learn more. Name Version Bootstrap 3.3.5

Name Version

jQuery 2.1.0

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. Learn more.

No browser errors logged to the console

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. Learn more

Page has valid source maps

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. <u>Learn more</u>.

No issues in the Issues panel in Chrome Devtools

Issues logged to the 'Issues' panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.

Not applicable (1)

Fonts with font-display: optional are preloaded

Preload 'optional' fonts so first-time visitors may use them. Learn more



SFO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. <u>Learn more</u>.

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app's content.

▲ Document does not have a meta description Description text is empty.

Meta descriptions may be included in search results to concisely summarize page content. Learn more.

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.

Structured data is valid

Run the Structured Data Testing Tool and the Structured Data Linter to validate structured data. Learn more.

Passed audits (9)	^
Has a <meta name="viewport"/> tag with width or initial-scale	^
Add a ` <meta name="viewport"/> ` tag to optimize your app for mobile screens. <u>Learn more</u> .	
Document has a <title> element</td><td>^</td></tr><tr><td>The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more</u>.</td><td>a</td></tr><tr><td>Page has successful HTTP status code</td><td>^</td></tr><tr><td>Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more.</td><td></td></tr><tr><td>Links have descriptive text</td><td>^</td></tr><tr><td>Descriptive link text helps search engines understand your content. <u>Learn more</u>.</td><td></td></tr><tr><td>Links are crawlable</td><td>^</td></tr><tr><td>Search engines may use `href` attributes on links to crawl websites. Ensure that the `href` attribute of anchor elements to an appropriate destination, so more pages of the site can be discovered. Learn More</td><td>links</td></tr><tr><td>Page isn't blocked from indexing</td><td>^</td></tr><tr><td>Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn r</td><td>nore.</td></tr><tr><td>Image elements have [alt] attributes</td><td>^</td></tr><tr><td>Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empt attribute. <u>Learn more</u>.</td><td>y alt</td></tr><tr><td>Document has a valid hreflang</td><td>^</td></tr><tr><td>hreflang links tell search engines what version of a page they should list in search results for a given language or regio <u>Learn more</u>.</td><td>n.</td></tr><tr><td>Document avoids plugins</td><td>^</td></tr><tr><td>Search engines can't index plugin content, and many devices restrict plugins or don't support them. Learn more.</td><td></td></tr><tr><td>Not applicable (4)</td><td>^</td></tr><tr><td>robots.txt is valid</td><td>^</td></tr><tr><td>If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. <u>Learn more</u>.</td><td>r</td></tr><tr><td>Document has a valid rel=canonical</td><td>^</td></tr><tr><td>Canonical links suggest which URL to show in search results. Learn more.</td><td></td></tr><tr><td>Document uses legible font sizes</td><td>^</td></tr><tr><td>Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Stri</td><td>ive to</td></tr></tbody></table></title>	

Tap targets are sized appropriately

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. <u>Learn more</u>.



Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

Installable

▲ Web app manifest or service worker do not meet the installability requirements — 1 reason

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. <u>Learn more</u>.

Failure reason

No manifest was fetched

PWA Optimized

▲ Does not register a service worker that controls page and start_url

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. <u>Learn more</u>.

Redirects HTTP traffic to HTTPS

If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. <u>Learn more</u>.

Is not configured for a custom splash screen Failures: No manifest was fetched.

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. <u>Learn more</u>.

Does not set a theme color for the address bar.

Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.

The browser address bar can be themed to match your site. Learn more.

Content is sized correctly for the viewport

If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. <u>Learn more</u>.

Has a <meta name="viewport"> tag with width or initial-scale

Add a `<meta name="viewport">` tag to optimize your app for mobile screens. Learn more.

▲ Does not provide a valid apple-touch-icon

For ideal appearance on iOS when users add a progressive web app to the home screen, define an `apple-touch-icon`. It must point to a non-transparent 192px (or 180px) square PNG. <u>Learn More</u>.

Manifest doesn't have a maskable icon No manifest was fetched

A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. Learn more.

Additional items to manually check (3) — These checks are required by the baseline <u>PWA Checklist</u> but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Site works cross-browser

To reach the most number of users, sites should work across every major browser. Learn more.

Page transitions don't feel like they block on the network

Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of performance. <u>Learn more</u>.

Each page has a URL

Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. <u>Learn more</u>.

Runtime Settings

URL https://brunoclevenot.github.io/BrunoClevenot_04_12072021/

Fetch Time Jul 23, 2021, 8:32 AM GMT+2

Device Emulated Desktop

Network throttling 40 ms TCP RTT, 10,240 Kbps throughput (Simulated)

CPU throttling 1x slowdown (Simulated)

Channel devtools

User agent (host) Mozilla/5.0 (Windows NT 6.3; Win64; x64) AppleWebKit/537.36 (KHTML, like

Gecko) Chrome/91.0.4472.164 Safari/537.36

User agent (network) Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/90.0.4420.0 Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 1805

Axe version 4.1.2

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