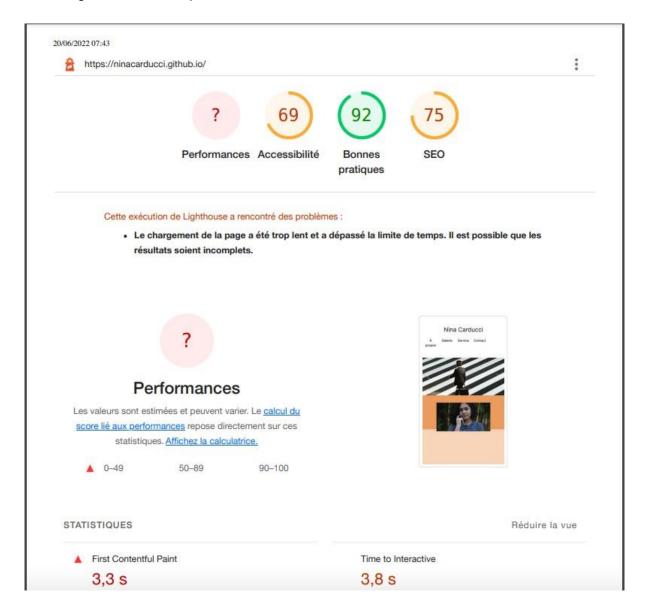
Rapport d'optimisation

Nina Carducci

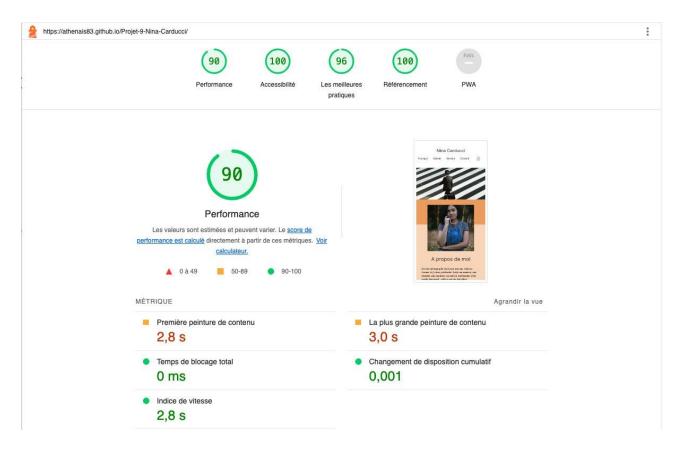
	- Comparatif avant et après optimisation	2
II	- Détails des optimisations effectuées	3
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	2 - Balise meta description	3
Ш	- Accessibilité du site	4
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I - Comparatif avant et après optimisation

Score Lighthouse avant optimisation:







II - Détails des optimisations effectuées

1 - Les images

Le projet comporte originalement 14 images pour un poids total de 30,9 MO. Nous avonseffectué les modifications suivantes aux images :

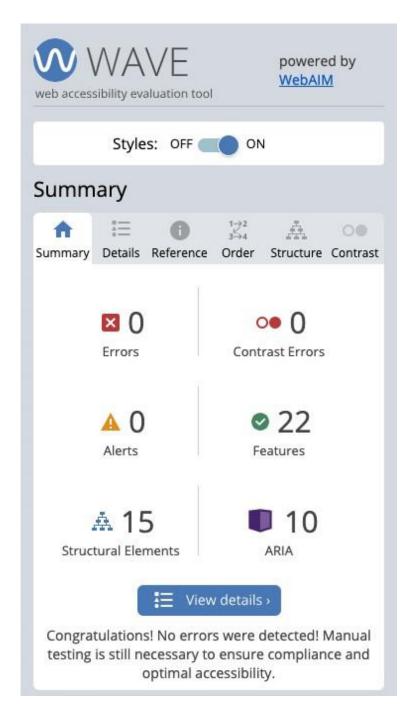
- Redimensionnement des images pour qu'elles soient moins lourdes au chargement du site
- Conversion des images de « png » en « webp » pour un chargement plus rapide des images.

Après les modifications, le poids total des images est de 395ko soit un gain de 98,75%.

2 - Balise méta description :

Le site internet manquer d'une balise méta description, qui permet au navigateur de vous référencer et de connaître la description de votre site internet. Nous l'avons donc ajouté et ajouté une description de vos services.

III - Accessibilité du site



Les modifications apportées à votre site internet pour valider l'accessibilité sont les suivantes :

- L'élément « title » a été ajouté pour nommer votre site internet auprès des navigateurs. On la nommer « Nina Carducci Photographe ».
- Ajout de la langue « FR » dans la balise « lang », pour que le navigateur comprenne que votre site internet est en Français.
- Tous les attributs « alt » des images ont été renseignés, ce qui permet au navigateur d'afficher la description de l'image si l'image n'est pas chargée ou permet à l'utilisateur malvoyant de lire l'image en mode lecture.
- Ajout d'étiquettes sur les champs du formulaire de contact, pour permettre au navigateur de savoir de quel champ il s'agit (email, message, etc.).
- Changement du fond de couleur des boutons de catégories pour augmenter le contraste entre les couleurs et faciliter la lecture de l'utilisateur.
- Changements sémantiques des titres pour que cela respecte un ordre croissant.

IV - Détails de réalisation additionnelles à la demande du client

1 – Référencement local:

A votre demande, nous avons également ajouté au site internet le référencement local avec Schema.org. Désormais les navigateurs ont vos informations concernant votre entreprise tels que :

- Adresse
- Téléphone
- Nom de l'entreprise
- Tranche de prix de vos services
- Horaires d'ouverture
- Etc.

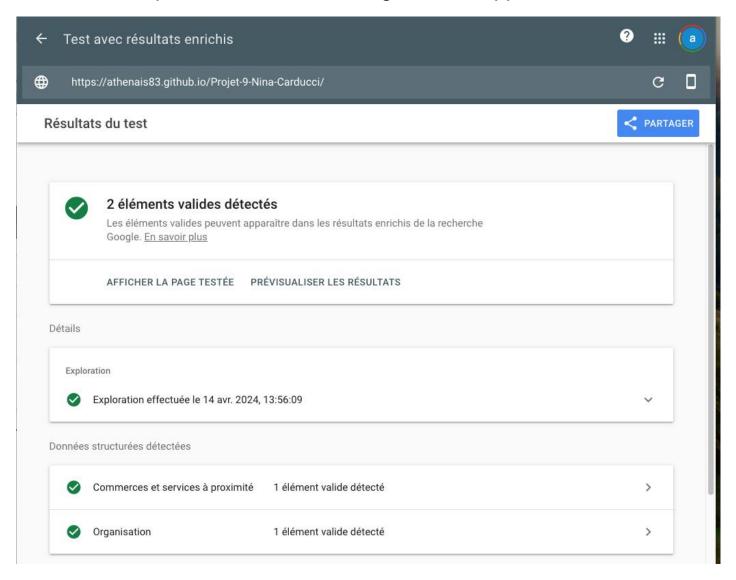
ProfessionalService	0 ERREUR 0 AVERTISSEMENT ^
@type	ProfessionalService
name	Nina Carducci
image	https://athenais83.github.io/Projet-9-Nina-
inage	Carducci/assets/images/nina.webp
url	https://athenais83.github.io/Projet-9-Nina-Carducci/
priceRange	50€ - 400€
telephone	0556677889
address	
@type	PostalAddress
streetAddress	68 avenue Alsace-Lorraine
addressLocality	Bordeaux
postalCode	33200
addressRegion	Nouvelle-Aquitaine
addressCountry	
@type	Country
name	France
openingHoursSpecification	
@type	OpeningHoursSpecification
dayOfWeek	http://schema.org/Monday
dayOfWeek	http://schema.org/Tuesday
dayOfWeek	http://schema.org/Wednesday
dayOfWeek	http://schema.org/Thursday
dayOfWeek	http://schema.org/Friday
opens	10:00
closes	19:00

2 – Balises méta données des réseaux sociaux :

Conformément à votre demande nous avons ajouté les balises méta données des réseaux sociaux Facebook et Twitter. Elles contiennent un titre, une description et une image miniature à tout lien partagé sur les réseaux sociaux.

Annexe

1 - Capture d'écran Audit Google Rich Snippets :



2 - Rapport complet de l'audit Lighthouse :

18/03/2024 13:59 90 100 96 Lighthouse Report 100

Performance Accessibilité Les meilleures Référencement PWA

pratiques



Performance

Les valeurs sont estimées et peuvent varier. Le <u>score</u> <u>deperformance est calculé</u> directement à partir de ces métriques. <u>Voir calculateur</u>.





MÉTRIQUE Agrandir la vue

Première peinture de contenu

2,8 s

Temps de blocage total

0 ms

Indice de vitesse

2,8 s

- La plus grande peinture de contenu
 - 3,0 s
- Changement de disposition cumulatif

0,001



DIAGNOSTIQUE

lacksquare

Élimine les ressources bloquant le rendu – Économies potentielles de 1 890 ms

96

90

100

100

PWA

	ressources bloquant le rendu . FCP PCL		
	✓ Afficher les	s ressources	tierces (2)
	URL	Taille du	Économies
		transfert	potentielles
	GitHub Utilitaire 1ère Fête	71,6 Ko	1 250 ms
	bootstrap/bootstrap.css (athenais83.github.io)	27,2 Ko	470 ms
	bootstrap/bootstrap.bundle.js (athenais83.github.io)	44,4 Ko	780 ms
	Polices Google Cdn	1,5 Ko	760 ms
	/css2?famille= (fonts.googleapis.com)	1,5 Ko	760 ms
	jQueryCDN Cdn	30,5 Ko	1 200 ms
	/jquery-3.4.1.min.js (code.jquery.com)	30,5 Ko	1 200 ms
<u> </u>	Réduire JavaScript – Économies potentielles de 16 Ko		-
	Réduire JavaScript – Économies potentielles de 16 Ko La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL	et le temps	d'analyse
	La réduction des fichiers JavaScript peut réduire la taille des charges utiles	et le temps Taille du transfert	d'analyse Économies potentielles
	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL	Taille du	Économies
	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL URL	Taille du transfert	Économies potentielles
	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL URL GitHub Utilitaire 1ère Fête	Taille du transfert	Économies potentielles 16,1 Ko
A	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL URL GitHub Utilitaire 1ère Fête bootstrap/bootstrap.bundle.js (athenais83.github.io)	Taille du transfert 43,5 Ko 43,5 Ko utilisés pour	Économies potentielles 16,1 Ko 16,1 Ko
A	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL URL GitHub Utilitaire 1ère Fête bootstrap/bootstrap.bundle.js (athenais83.github.io) Réduire les CSS inutilisés — Économies potentielles de 25 Ko Réduisez les règles inutilisées des feuilles de style et différez les CSS non au-dessus de la ligne de flottaison afin de réduire les octets consommés pa	Taille du transfert 43,5 Ko 43,5 Ko utilisés pour	Économies potentielles 16,1 Ko 16,1 Ko
A	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL URL GitHub Utilitaire lère Fête bootstrap/bootstrap.bundle.js (athenais83.github.io) Réduire les CSS inutilisés — Économies potentielles de 25 Ko Réduisez les règles inutilisées des feuilles de style et différez les CSS non au-dessus de la ligne de flottaison afin de réduire les octets consommés pa	Taille du transfert 43,5 Ko 43,5 Ko utilisés pour ar l'activité ré	Économies potentielles 16,1 Ko 16,1 Ko
A	La réduction des fichiers JavaScript peut réduire la taille des charges utiles des scripts. Découvrez comment réduire JavaScript . FCP PCL URL GitHub Utilitaire 1ère Fête bootstrap/bootstrap.bundle.js (athenais83.github.io) Réduire les CSS inutilisés — Économies potentielles de 25 Ko Réduisez les règles inutilisées des feuilles de style et différez les CSS non au-dessus de la ligne de flottaison afin de réduire les octets consommés par Apprenez à réduire les CSS inutilisés . FCP PCL URL	Taille du transfert 43,5 Ko 43,5 Ko utilisés pour ar l'activité ré Taille du transfert	Économies potentielles 16,1 Ko 16,1 Ko 16,1 Ko ele contenu eseau. Économies potentielles



Réduire le JavaScript inutilisé – Économies potentielles de 30 Ko

100

90

96

100



réduire le JavaScript inutilisé . PCL

URL	Taille du transfert	Économies potentielles
GitHub Utilitaire 1ère Fête	43,5 Ko	30,5 Ko
bootstrap/bootstrap.bundle.js (athenais83.github.io)	43,5 Ko	30,5 Ko
js/src/tooltip.js	3,9 Ko	3,2 Ko
js/src/dropdown.js	2,9 Ko	2,1 Ko
js/src/modal.js	2,3 Ko	1,7 Ko
js/src/carrousel.js	3,3 Ko	1,7 Ko
js/src/collapse.js	1,8 Ko	1,3 Ko

▲ Le plus grand élément Contentful Paint - 2 990 ms

Il s'agit du plus grand élément de contenu peint dans la fenêtre. <u>En savoir plus sur le plus grand</u> <u>élément Contentful Paint</u> (PCL)

Élément



ninacarducci

<img fetchpriority="high" src="./assets/images/nina.webp"
alt="ninacarducci">

Phase	% du PCL	Horaire
TTFB	24%	710 ms
Retard de chargement	17%	520 ms
Temps de chargement	32%	960 ms
Délai de rendu	27%	790 ms

Réduire CSS - Économies potentielles de 5 Ko

URL

90 100 96 100

...bootstrap/bootstrap.css (athenais83.github.io)

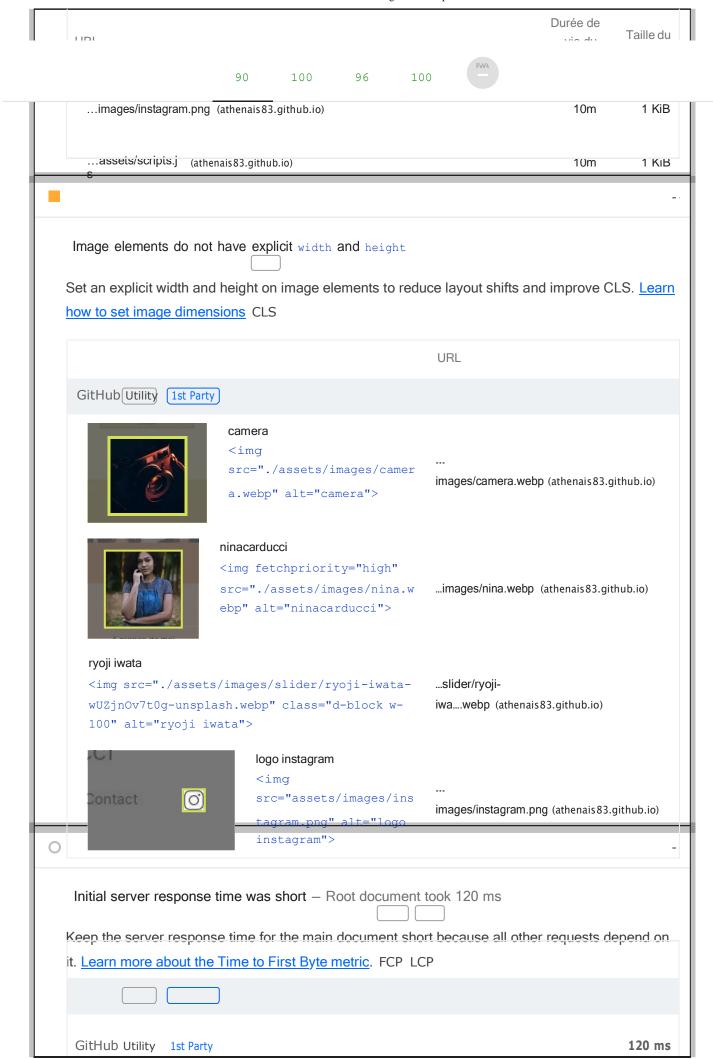
Taille du Économies

27,2 Ko 5,3 Ko

Servir des actifs statiques avec une politique de cache efficace – 20 ressources trouvées

Une longue durée de vie du cache peut accélérer les visites répétées sur votre page. <u>En savoir plus sur les politiques de cache efficaces</u> .

URL	Durée de vie du cache	Taille du transfert
GitHub Utilitaire 1ère Fête		429 Ko
slider/edward-ciwebp (athenais83.github.io)	10m	82 KiB
concerts/aaron-pauwebp (athenais83.github.io)	10m	61 KiB
slider/nicholaswebp (athenais83.github.io)	10m	61 KiB
bootstrap/bootstrap.bundle.js (athenais83.github.io)	10m	44 KiB
portraits/ade-tunji-rVkhWWZFAtQ-unsplash.webp (athenais83.github.io)	10m	30 KiB
bootstrap/bootstrap.css (athenais83.github.io)	10m	27 KiB
mariage/jakob-owens-SiniLJkXhMc-unsplash.webp (athenais83.github.io)	10m	20 KiB
entreprise/mateus-cawebp (athenais83.github.io)	10m	15 KiB
portraits/nino-vanwebp (athenais83.github.io)	10m	14 KiB
images/camera.webp (athenais83.github.io)	10m	13 KiB
images/nina.webp (athenais83.github.io)	10m	13 KiB
slider/ryoji-iwawebp (athenais83.github.io)	10m	13 KiB
concerts/austin-newebp (athenais83.github.io)	10m	10 KiB
entreprise/jason-goowebp (athenais83.github.io)	10m	7 KiB
mariage/hannah-buwebp (athenais83.github.io)	10m	6 KiB
entreprise/ali-morshwebp (athenais83.github.io)	10m	5 KiB
assets/maugallery.js (athenais83.github.io)	10m	3 KiB
assets/style.css (athenais83.github.io)	10m	2 KiB



URL Time Spent

90 100

96 100



 Avoids enormous 	network payloads - Total size was 533 KiB	
	loads cost users real money and are highly correlat ce payload sizes.	ed with long load times.
		Show 3rd-party resources (3)
URL		Transfer Size
GitHub Utility 1	st Party	325.8 KiB
slider/edward-ci.	webp (athenais83.github.io)	82.5 KiB
concerts/aaron-	pauwebp (athenais83.github.io)	60.8 KiB
slider/nicholas	webp (athenais83.github.io)	60.7 KiB
bootstrap/bootst	rap.bundle.js (athenais83.github.io)	44.4 KiB
portraits/ade-tun	jj-rVkhWWZFAtQ-unsplash.webp (athenais83.github.io)	30.0 KiB
bootstrap/bootst	rap.css (athenais83.github.io)	27.2 KiB
mariage/jakob-o	wens-SiniLJkXhMc-unsplash.webp (athenais83.github.io)	20.3 KiB
Google Fonts Cdn		37.9 KiB
v13/UcCO3Fwrk	Kwoff2 (fonts.gstatic.com)	21.8 KiB
v13/rnCu-xNNw	woff2 (fonts.gstatic.com)	16.1 KiB
jQuery CDN Cdn		30.5 KiB
/jquery-3.4.1.min.j	S (code.jquery.com)	30.5 KiB
Avoids an excess	sive DOM size - 131 elements	
	ncrease memory usage, cause longer style calculations in how to avoid an excessive DOM size.	ons, and produce costly
Statistic	Element	Value
Total DOM Elements		131
Maximum DOM Depth	<	9

Statistic Element Value 90 100 96 100 aaron paul <div class="gallery-items-row row"> Maximum Child 9 Elements Avoid chaining critical requests - 10 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 how to avoid chaining critical requests. FCP LCP Maximum critical path latency: 358.6 ms Initial Navigation /Projet-9-Nina-Carducci/ (athenais83.github.io) /jquery-3.4.1.min.js (code.jquery.com) - 7.781 ms, 30.47 KiB ...assets/style.css (athenais83.github.io) - 128.515 ms, 2.09 KiB ...assets/maugallery.js (athenais83.github.io) - 115.363 ms, 2.66 KiB ...bootstrap/bootstrap.css (athenais83.github.io) - 153.862 ms, 27.19 KiB /css2?family= (fonts.googleapis.com) ...v13/rnCu-xNNw....woff2 (fonts.gstatic.com) - 4.196 ms, 15.26 KiB ...v13/rnCu-xNNw....woff2 (fonts.gstatic.com) - 4.718 ms, 16.05 KiB ...v13/rnCr-xNNw....woff2 (fonts.gstatic.com) - 4.225 ms, 14.25 KiB ...v13/UcCO3FwrK....woff2 (fonts.gstatic.com) - 2.863 ms, 21.83 KiB bootstrap/bootstrap.bundle.js (athenais83.github.io) - 135.672 ms, 44.38 KiB 0 ...assets/scripts.js (athenais83.github.io) - 118.05 ms, 0.91 KiB JavaScript execution time.....0.2 s Consider reducing the time spent parsing, compiling, and executing S. You may find delivering smaller JS payloads helps with this. Learn how to reduce Javascript execution time. TBT Show 3rd-party resources (1) **Total CPU** URL Script Evaluation Script Parse Time

Total CPU URL Script Evaluation Script Parse 90 100 96 100 ...bootstrap/bootstrap.bundle.js (athenais83.github.io) 83 ms 24 ms 13 ms jQuery CDN Cdn 235 ms 134 ms 6 ms 134 ms 235 ms 6 ms /jquery-3.4.1.min.js (code.jquery.com) Unattributable 148 ms 6 ms 0 ms Unattributable 148 ms 6 ms 0 ms 0 Minimizes main-thread work -0.7 sConsider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to minimize main-thread work TBT Category Time Spent Other 262 ms Script Evaluation 173 ms Style & Layout 162 ms Parse HTML & CSS 49 ms 29 ms Rendering Script Parsing & Compilation 20 ms Minimize third-party usage - Third-party code blocked the main thread for 0 ms Third-party code can significantly impact load performance. Limit the number of redundant thirdparty providers and try to load third-party code after your page has primarily finished loading. Learn how to minimize third-party impact. TBT Third-Party Transfer Size Main-Thread Blocking Time **30 KiB** 5 ms jQuery CDN Cdn /jquery-3.4.1.min.js (code.jquery.com) 30 KiB 5 ms Google Fonts Cdn **69 KiB** 0 ms

v13/UcCO3FwrKwoff2 (fonts.gstatic.com)	22 KiB	0 ms
v13/rnCu-xNNwwoff2 (fonts.gstatic.com)	16 KiB	0 ms
v13/rnCu-xNNwwoff2 (fonts.gstatic.com)	15 KiB	0 ms

Third-Party Transfer Size Main-Thread Blocking Time

90 100 96 100



Avoid large layout shifts — 1 layout shift found

These are the largest layout shifts observed on the page. Each table item represents a single layout shift, and shows the element that shifted the most. Below each item are possible root causes that led to the layout shift. Some of these layout shifts may not be included in the CLS metric value due to windowing. Learn how to improve CLS (CLS)

Layout shift score Element A propos de moi <h3 class="about-0.001 me title"> A propos de moi ...v13/rnCu-xNNw....woff2 (fonts.gstatic.com) Web font loaded Web font loaded ...v13/rnCr-xNNw....woff2 (fonts.gstatic.com) ...v13/rnCu-xNNw....woff2 (fonts.gstatic.com) Web font loaded Web font loaded ...v13/UcCO3FwrK....woff2 (fonts.gstatic.com) ...bootstrap/bootstrap.css (athenais 83.github.io) A late network request adjusted the page layout ...bootstrap/bootstrap.bundle.js (athenais83.github.io) A late network request adjusted the page layout ...assets/style.css (athenais83.github.io) A late network request adjusted the page layout A late network request adjusted the page layout ...assets/scripts.js (athenais83.github.io) ...assets/maugallery.js (athenais83.github.io) A late network request adjusted the page layout /jquery-3.4.1.min.js (code.jquery.com) A late network request adjusted the page layout /css2?family=... (fonts.googleapis.com) A late network request adjusted the page layout

Avoid long main-thread tasks — 3 long tasks found

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

<u>Learn how to avoid long main-thread tasks</u> (TBT)

Show 3rd-party resources (1)

URL	Start Time	Duration
GitHub Utility 1st Party		97 ms
bootstrap/bootstrap.bundle.js (athenais83.github.io)	2,147 ms	97 ms
Unattributable		63 ms

URL Start Time Duration 90 100 96 100 /jquery-3.4.1.min.js (code.jquery.com) 2,284 ms 63 ms

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (20)

Hide Properly size images Serve images that are appropriately-sized to save cellular data and improve load time. Learn how to size images. Defer offscreen images Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. Learn how to defer offscreen images. Efficiently encode images Optimized images load faster and consume less cellular data. Learn how to efficiently encode

images.

Serve images in next-gen formats

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more about modern image formats.

Enable text compression

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more about text compression. FCP LCP

Preconnect to required origins

Consider adding preconnect or dns-prefetch resource hints to establish early connections to
90 100 96 100
Avoid multiple page redirects
Redirects introduce additional delays before the page can be loaded. Learn how to avoid page redirects. (FCP) (CP)
O Preload key requests
Consider using <pre>link rel=preload> to prioritize fetching resources that are currentlyre- quested later in page load. Learn how to preload key requests. FCP_LCP</pre>
 Use video formats for animated content
Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. Learn more about efficient video formats (CCP)
Remove duplicate modules in JavaScript bundles
Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytesconsumed by network activity. TBT
Avoid serving legacy JavaScript to modern browsers
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. Learn how to use modern JavaScript TBT
Preload Largest Contentful Paint image
If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. Learn more about preloading LCP elements. LCP
O User Timing marks and measures

Consider instrumenting your app with the User Timing API to measure your app's real-world

90

100

100



All text remains visible during webfont loads

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. Learn more about font-display. FCP CP

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 how to defer third-parties with a facade. [TBT]

Largest Contentful Paint image was not lazily loaded

Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. <u>Learn more about optimal lazy loading</u>. <u>LCP</u>

Element



ninacarducci

<img fetchpriority="high" src="./assets/images/nina.webp"
alt="ninacarducci">

Uses passive listeners to improve scrolling performance

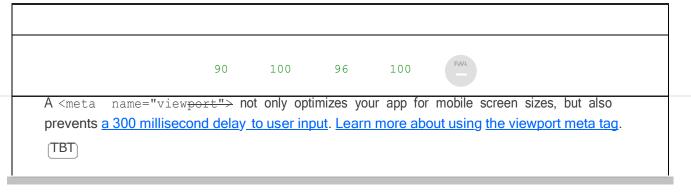
Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. Learn more about adopting passive event listeners.

Avoids document.write()

For users on slow connections, external scripts dynamically injected via document.write() can delay page load by tens of seconds. Learn how to avoid document.write().

Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. <u>Learn how to avoid non-composited animations</u> <u>CLS</u>





Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and doesnot guarantee the accessibility of your web app, so manual testing is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

O Interactive controls are keyboard focusable
Custom interactive controls are keyboard focusable and display a focus indicator. Learn how to make custom controls focusable.
O Interactive elements indicate their purpose and state
Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. Learn how to decorate interactive elements with affordance hints.
O The page has a logical tab order
Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more about logical tab ordering.
O Visual order on the page follows DOM order

DOM order matches the visual order, improving navigation for assistive technology. Learn more 90 100 100 User focus is not accidentally trapped in a region A user can tab into and out of any control or region without accidentally trapping their focus. Learn how to avoid focus traps. The user's focus is directed to new content added to the page If new content, such as a dialog, is added to the page, the user's focus is directed to it. Learn how to direct focus to new content. 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. Learn more about landmark elements. Offscreen content is hidden from assistive technology Offscreen content is hidden with display: none or aria-hidden=true. Learn how to properly hide offscreen content. Custom controls have associated labels Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. Learn more about custom controls and labels. Custom controls have ARIA roles Custom interactive controls have appropriate ARIA roles. Learn how to add roles to custom controls.

These items address areas which an automated testing tool cannot cover. Learn more in our guide on <u>conducting an accessibility review</u>.

PASSED AUDITS (20)

[aria-*] attributes match their roles

Each ARIA role supports a specific subset of aria-* attributes. Mismatching these invalidates the aria-* attributes. Learn how to match ARIA attributes to their roles.

[aria-hidden="true"] is not present on the document <body> [aria-*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more about valid values for ARIA attributes. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more about valid ARIA attributes. 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 how to make buttons more accessible. Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more about the alt attribute. Input buttons have discernible text. Adding discernable and accessible text to input buttons may help screen reader users understand the purpose of the input button. Learn more about input buttons. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximumscale] 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. Learn more about the viewport meta tag. [aria-hidden="true"] elements do not contain focusable descendents

18/03/2024 13:59

Focusable descendents within an [aria-hidden="true"] element prevent those interactive 90 100 96 100 Background and foreground colors have a sufficient contrast ratio Low-contrast text is difficult or impossible for many users to read. Learn how to provide sufficient color contrast. 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. Learn more about document titles. <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. Learn more about the lang attribute. <html> element has a valid value for its [lang] attribute Specifying a valid BCP 47 language helps screen readers announce text properly. Learn how to use the lang attribute. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more about form element labels. Links have a discernible name Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. Learn how to make links accessible.

Lighthouse Report Lists contain only elements and script supporting elements (<script> and <template>). 90 100 100 List items (<1i>) are contained within , or <menu> parent elements Screen readers require list items () to be contained within a parent , or <menu> to be announced properly. Learn more about proper list structure. Heading elements appear 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. Learn more about heading order. Values assigned to role="" are valid ARIA roles. ARIA roles enable assistive technologies to know the role of each element on the web page. If the role values are misspelled, not existing ARIA role values, or abstract roles, then the purpose of the element will not be communicated to users of assistive technologies. Learn more about ARIA roles. Image elements do not have [alt] attributes that are redundant text. Informative elements should aim for short, descriptive alternative text. Alternative text that is exactly the same as the text adjacent to the link or image is potentially confusing for screen reader

NOT APPLICABLE (40) Hide

[accesskey] values are unique Access keys let users quickly focus a part of the page. For proper navigation, each access button, link, and menuitem elements have accessible names

users, because the text will be read twice. Learn more about the alt attribute.

When an element doesn't have an accessible name, screen readers announce it with a generic

90 100 96 100 P

○ Elements with role="dialog" or role="alertdialog" have accessible names
ARIA dialog elements without accessible names may prevent screen readers users from discerning the purpose of these elements. Learn how to make ARIA dialog elements more accessible.
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 about input field labels.
O ARIA meter elements have accessible names
When a meter 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 how to name meter elements.
O ARIA progressbar elements have accessible names
When a progressbar 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 how to label progressbar elements.
O [role]s have all required [aria-*] attributes
Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more about roles and required attributes</u> .
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 about roles and required children elements.
O [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 about ARIA roles and required parent element.

O [role] values are valid
90 100 96 100 PMA
Elements with the role=text attribute do not have focusable descendents.
Adding role=text around a text node split by markup enables VoiceOver to treat it as one phrase, but the element's focusable descendents will not be announced. Learn more about the role=text attribute.
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. <u>Learn more about toggle fields</u> .
O ARIA tooltip elements have accessible names
When a tooltip 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 how to name tooltip elements.
O ARIA treeitem elements have accessible names
When a treeitem 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 about labeling treeitem elements.
The page contains a heading, skip link, or landmark region
Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. <u>Learn more about bypass blocks</u> .
<pre><dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.</pre></td></tr><tr><td>When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Learn how to structure definition lists correctly.</td></tr><tr><td>O Definition list items are wrapped in <dl> elements</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.</td></tr></tbody></table></script></dd></dt></dl></pre>

O [id] attributes on active, focusable elements are unique
90 100 96 100 PMA
O ARIA IDs are unique
The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Learn how to fix duplicate ARIA IDs.
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 how to use form labels.
O <frame/> or <iframe> elements have a title</iframe>
Screen reader users rely on frame titles to describe the contents of frames. Learn more about frame titles.
<pre><html> element has an [xml:lang] attribute with the same base language as the [lang] attribute.</html></pre>
If the webpage does not specify a consistent language, then the screen reader might not announce the page's text correctly. <u>Learn more about the lang attribute</u> .
O <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 about input image alt text.
Links are distinguishable without relying on color
Low-contrast text is difficult or impossible for many users to read. Link text that is discernible improves the experience for users with low vision. Learn how to make links distinguishable.
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. Learn more about the refresh meta tag.
O <object> elements have alternate text</object>

Screen readers cannot translate non-text content. Adding alternate text to <object> elements 90 100 100 Select elements have associated label elements. Form elements without effective labels can create frustrating experiences for screen reader users. Learn more about the select element. Skip links are focusable. Including a skip link can help users skip to the main content to save time. Learn more about skip links. 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. Learn more about the tabindex attribute. Tables have different content in the summary attribute and <caption>. The summary attribute should describe the table structure, while <caption> should have the onscreen title. Accurate table mark-up helps users of screen readers. Learn more about summary and caption. 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. Learn more about the headers attribute. > 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. Learn more about table headers. [lang] attributes have a valid value Specifying a valid BCP 47 language on elements helps ensure that text is pronounced correctly by a screen reader. Learn how to use the lang attribute.

<video> elements contain a <track> element with [kind="captions"]
90 100 96 100
PMA

All heading elements contain content.

A heading with no content or inaccessible text prevent screen reader users from accessing information on the page's structure. <u>Learn more about headings</u>.

Identical links have the same purpose.

Links with the same destination should have the same description, to help users understand the link's purpose and decide whether to follow it. <u>Learn more about identical links</u>.

Touch targets have sufficient size and spacing.

Touch targets with sufficient size and spacing help users who may have difficulty targeting small controls to activate the targets. <u>Learn more about touch targets</u>.

Elements with visible text labels have matching accessible names.

Visible text labels that do not match the accessible name can result in a confusing experience for screen reader users. Learn more about accessible names.

Tables use <caption> instead of cells with the [colspan] attribute to indicate a caption.

Screen readers have features to make navigating tables easier. Ensuring that tables use the actual caption element instead of cells with the <code>[colspan]</code> attribute may improve the experience for screen reader users. Learn more about captions.

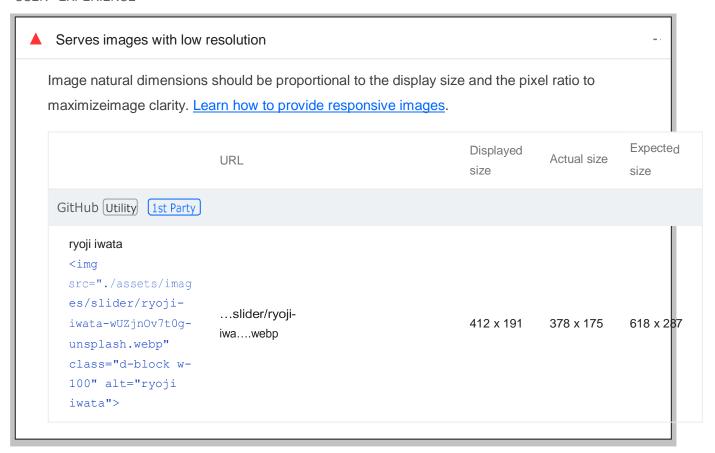
elements in a large have one or more table headers.

Screen readers have features to make navigating tables easier. Ensuring that elements in a large table (3 or more cells in width and height) have an associated table header may improve the experience for screen reader users. <u>Learn more about table headers</u>.



Best Practices

USER EXPERIENCE



TRUST AND SAFETY



Detected JavaScript libraries

90 100 96 100



Name	Version
Bootstrap	5.1.3
jQuery	3.4.1

PASSED AUDITS (13)

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, 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 about HTTPS.

Avoids deprecated APIs

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

Avoids third-party cookies

Support for third-party cookies will be removed in a future version of Chrome. <u>Learn more about</u> phasing out third-party cookies.

Allows users to paste into input fields

Preventing input pasting is a bad practice for the UX, and weakens security by blocking password managers. Learn more about user-friendly input fields.

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. <u>Learn more about the geolocation permission</u>.

Avoids requesting the notification permission on page load



permission for notifications.

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. Learn more about image aspect ratio.

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. <u>Learn more about the doctype declaration</u>.

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 about declaring the character encoding.

Avoids unload event listeners

The unload event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Use pagehide or visibilitychange events instead. Learn more about unload event listeners

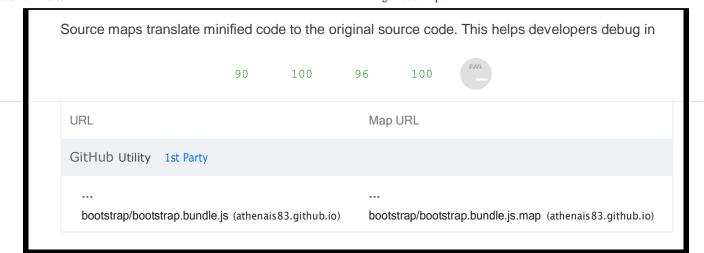
No browser errors logged to the console

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. <u>Learn more about this errors in console diagnostic audit</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.

Page has valid source maps



NOT APPLICABLE (1)

O Fonts with font-display: optional are preloaded

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



SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more about Google Search Essentials.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Structured data is valid

Hide

Run the <u>Structured Data Testing Too</u>l and the <u>Structured Data Linter</u> to validate structured data.<u>Learn more about Structured Data</u>.

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (12) Hide

90 100 96 100

A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag. TBT

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 about document titles</u>.

Document has a meta description

Meta descriptions may be included in search results to concisely summarize page content. <u>Learn</u> more about the meta description.

Page has successful HTTP status code

Pages with unsuccessful HTTP status codes may not be indexed properly. <u>Learn more about</u> HTTP status codes.

Links have descriptive text

Descriptive link text helps search engines understand your content. <u>Learn how to make links more accessible.</u>

Links are crawlable

Search engines may use href attributes on links to crawl websites. Ensure that the href attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. Learn how to make links crawlable

Page isn't blocked from indexing

Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more about crawler directives.

Image elements have [alt] attributes

Lighthouse Report

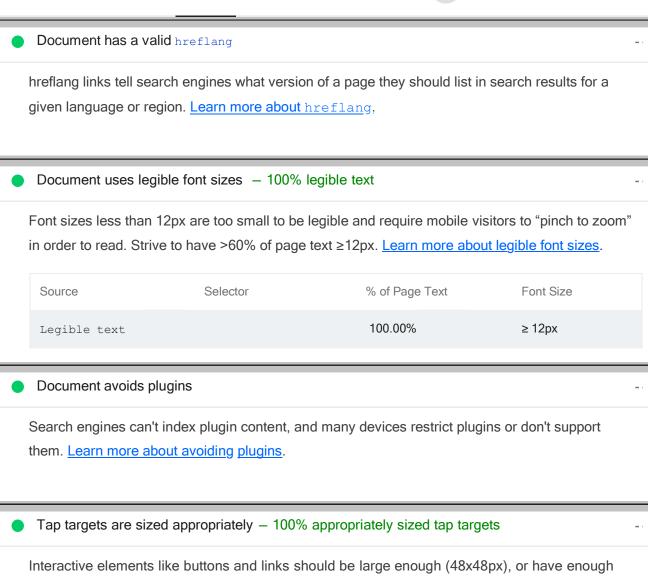
Informative elements should aim for short, descriptive alternate text. Decorative elements can be

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100





NOT APPLICABLE (2) Hide

space around them, to be easy enough to tap without overlapping onto other elements. Learn

more about tap targets.

O robots.txt is valid
If your robots.txt file is malformed, crawlers may not be able to understand how you want your
O Document has a valid rel=canonical
Canonical links suggest which URL to show in search results. Learn more about canonical links.

90

100

100



As per <u>Chrome's updated Installability Criteria</u>, Lighthouse will be deprecating the PWA category in a future release. Please refer to the <u>updated PWA documentation</u> for future PWA testing.

96



PWA

These checks validate the aspects of a Progressive Web App. <u>Learn</u> <u>whatmakes a good Progressive Web App.</u>



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

Service Worker est la technologie qui permet à votre application d'utiliser de nombreuses fonctionnalités de Progressive Web App, telles que la connexion hors ligne, l'ajout à l'écran d'accueil et les notifications push. Avec un service worker approprié et des implémentations de manifestes, les navigateurs peuvent inciter de manière proactive les utilisateurs à ajouter votre application à leur écran d'accueil, ce qui peut conduire à un engagement plus élevé. En savoir plussur les exigences d'installation du manifeste.

Raison de l'échec

Aucun manifeste n'a été récupéré





Lighthouse Report

Un écran de démarrage thématique garantit une expérience de haute qualité lorsque les

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100



Ne définit pas de couleur de thème pour la barre d'adresse.

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Échecs : aucun manifeste n'a été récupéré, aucune balise `<meta name="theme-color">`trouvée.

La barre d'adresse du navigateur peut avoir un thème correspondant à votre site. En savoir plus sur la thématique de la barre d'adresse.

Le contenu est correctement dimensionné pour la fenêtre d'affichage

Si la largeur du contenu de votre application ne correspond pas à la largeur de la fenêtre d'affichage, votre application n'est peut-être pas optimisée pour les écrans mobiles. <u>Découvrez</u> comment dimensionner le contenu de la fenêtre d'affichage.

▲ une <meta name="viewport">étiquette avec widthouinitial-scale

A <meta name="viewport">optimise non seulement votre application pour les tailles d'écran mobile, mais évite également <u>un délai de 300 millisecondes avant la saisie de l'utilisateur</u>. <u>En savoir plus sur l'utilisation de la balise méta viewport</u>. [OTC]

▲ Le manifeste n'a pas d'icône masquable Aucun manifeste n'a été récupéré

Une icône masquable garantit que l'image remplit toute la forme sans être mise en boîte aux lettres lors de l'installation de l'application sur un appareil. <u>Découvrez les icônes de manifeste</u> masquables .

ÉLÉMENTS SUPPLÉMENTAIRES À VÉRIFIER MANUELLEMENT (3)

Cacher

Le site fonctionne sur plusieurs navigateurs

Pour atteindre le plus grand nombre d'utilisateurs, les sites doivent fonctionner sur tous les principaux navigateurs. En savoir plus sur la compatibilité entre navigateurs .

Les transitions de page ne semblent pas bloquer sur le réseau

Les transitions doivent être rapides lorsque vous appuyez, même sur un réseau lent. Cette expérience est essentielle à la perception de la performance d'un utilisateur. En savoir plus sur lestransitions de pages .

Chaque page a une URL

U









Ces vérifications sont requises par la <u>liste de contrôle PWA</u> de base , mais ne sont pas automatiquement vérifiées parLighthouse. Ils n'affectent pas votre score mais il est important que vous les vérifiez manuellement.

☐ Capturé le 17 mars 2024, 16h46 ☐ Bureau émulé avec Lighthouse GMT+1 ☐ 11.5.0 ☐ Chargement initial de la page ☐ Inconnu ☐ Utilisation de HeadlessChromium 122.0.6261.94 avec Ir

Généré par **Lighthouse** 11.5.0 | <u>Déposer un problème</u>