

# RAPPORT D'OPTIMISATION



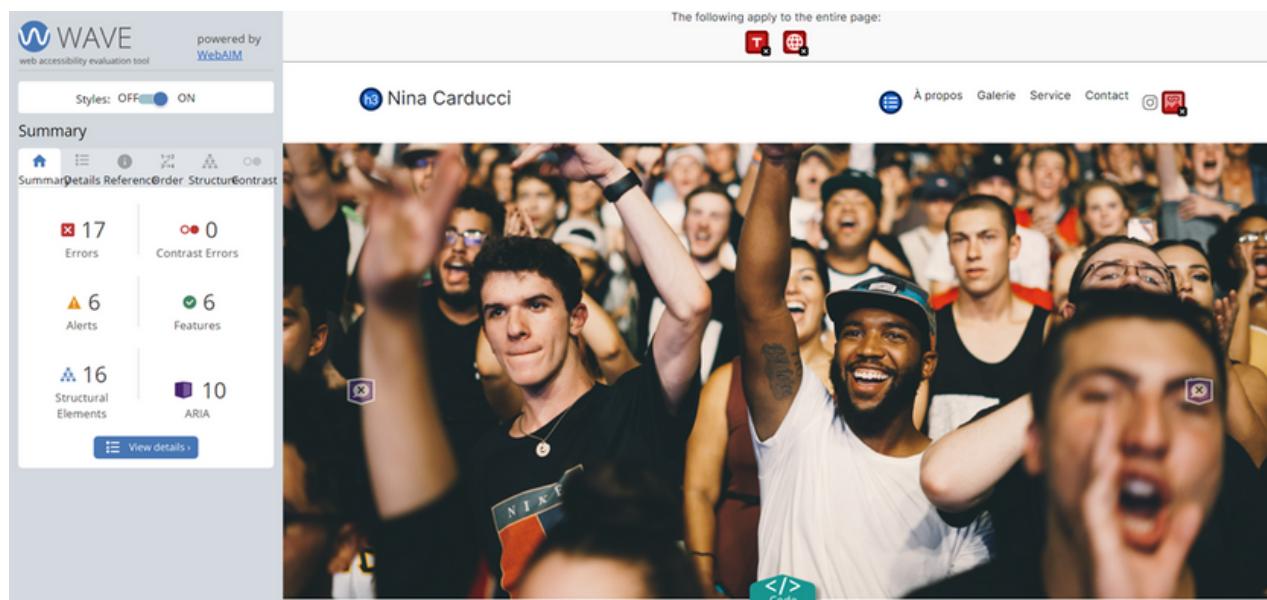
par Intissar TOUCHENT

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- 02**    Détails des optimisations effectuées
- 03**    Accessibilité du site
- 04**    Détails de réalisations additionnelles à la demande du client
- 05**    Annexe

# I - Comparatif avant et après optimisation

## Rapports avant optimisation



The following apply to the entire page:

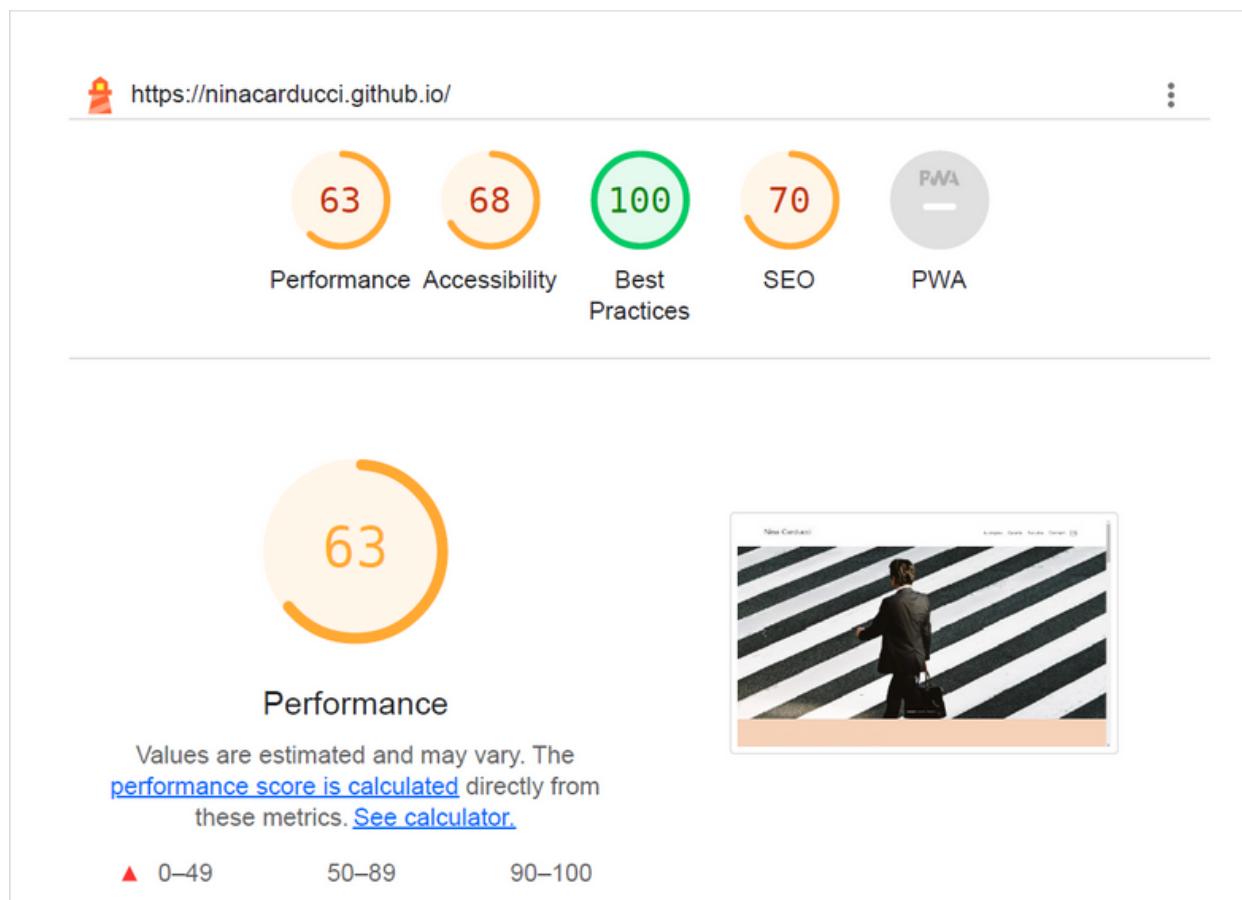
Nina Carducci

Styles: OFF ON  
powered by WebAIM

Summary

17 Errors | 0 Contrast Errors | 6 Alerts | 6 Features | 16 Structural Elements | 10 ARIA

[View details](#)



https://ninacarducci.github.io/

Performance Accessibility Best Practices SEO PWA

63 68 100 70 -

Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49 50–89 90–100

## Rapports avant optimisation

The following apply to the entire page:

WAVE web accessibility evaluation tool powered by WebAIM

Styles: OFF ON

Summary

Category	Count
Errors	0
Contrast Errors	0
Alerts	0
Features	22
Structural Elements	19
ARIA	10

Congratulations! No errors were detected!  
Manual testing is still necessary to ensure compliance and optimal accessibility.

Nina Carducci

À propos Galerie Service Contact Logo Instagram

<https://intistella.github.io/Nina-Carducci/>

Category	Score
Performance	99
Accessibility	100
Best Practices	100
SEO	100
PWA	0

There were issues affecting this run of Lighthouse:

- There may be stored data affecting loading performance in this location: IndexedDB. Audit this page in an incognito window to prevent those resources from affecting your scores.



Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from



## II - Détails des optimisations effectuées

### 1. Les images

le repository initial importé contient un dossier images contenant 15 fichiers d'une taille totale de 29.4Mo.

Dans le cadre de l'optimisation du site, nous avons mené les actions suivantes :

- Réduction de la taille des images ;
- Conversion du format des images à WEBP;
- Ajout de l'attribut ALT dans le code html;

les actions ci-dessus ont permis de passer à une taille total du dossier image de 582ko.

### 2. Ressources bloquant le contenu

Certains fichiers ralentissent le chargement de la page. En vérifiant le coverage, nous constatons ce qui suit:

- Jusqu'à 96% du code du fichier bootstrap.css est inutilisé;
- Jusqu'à 66% du fichier bootstrap.bundle.js est inutilisé.

Ci-dessous les solutions adoptées pour accélérer le chargement de la page:

- Suppression du code inutilisé du fichier bootstrap.css;
- Minimisation du fichier bundle.js en créant un nouveau fichier bootstrap.bundle.min.js;
- Remplacement du code long par le code .min;
- Positionnement des liens scripts en bas du code html.

### III - Accessibilité du site

Afin d'assurer une meilleure accessibilité du site, nous avons effectué les modifications suivantes :

- Ajout de l'attribut Alt à toutes les images du site;
- Ajout de la langue dans html;
- Ajout de la balise Title;
- Ajout des balises Meta (robots, author, description, keywords...);
- Structuration du code Html en ajoutant les balises sémantiques (Header, main, footer);
- Réduction du contraste des filtres et changement de la couleur de police;
- Organisation des balises titres (h1, h2...).

The following apply to the entire page:

WAVE  
powered by WebAIM

Styles: OFF ON

Summa Details Reference Structure Contrast

Details

22 Features

- 15 X Alternative text
- 2 X Figure
- 3 X Form label
- 1 X Language

20 Structural Elements

- 1 X Heading level 1
- 6 X Heading level 2
- 4 X Heading level 3
- 4 X Heading level 4
- 2 X Unordered list
- 1 X Header
- 1 X Navigation
- 1 X Main content
- 1 X Footer

Nina Carducci

À propos Galerie Service Contact Logo Instagram

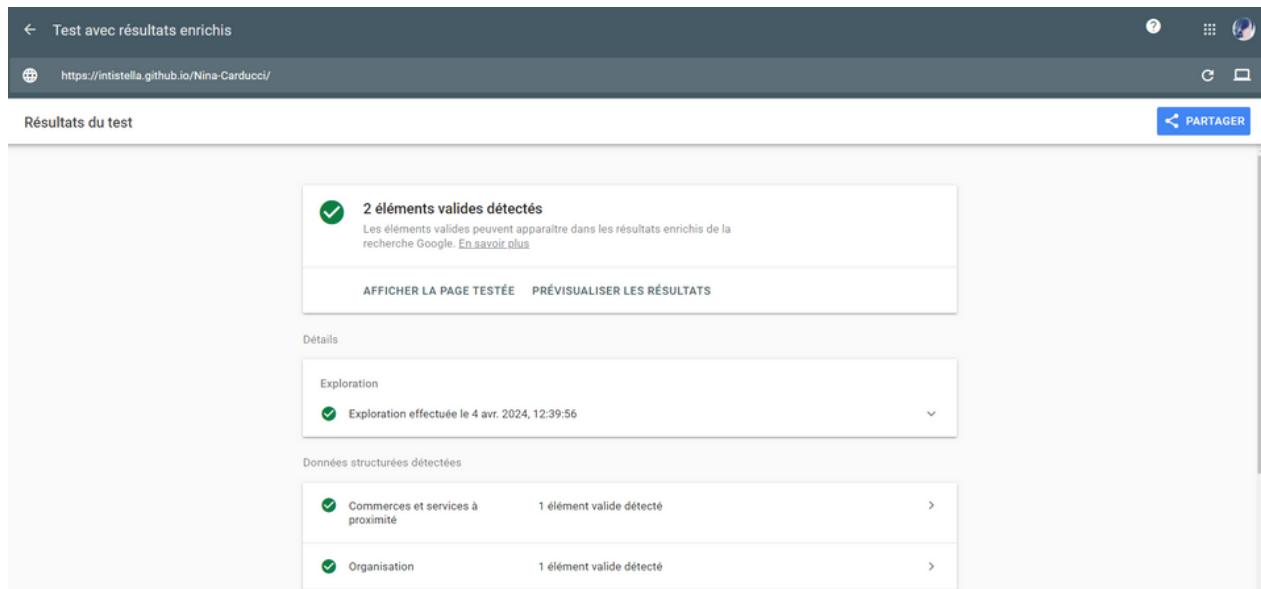
Image 3 du carousel

</> Code

## IV- Détails de réalisations additionnelles à la demande du client

### 1. Mise en place du référencement local

Afin d'améliorer le référencement local, nous avons ajouté le script Schema.org, cela permet d'avoir une page web enrichi pour les moteurs de recherche.



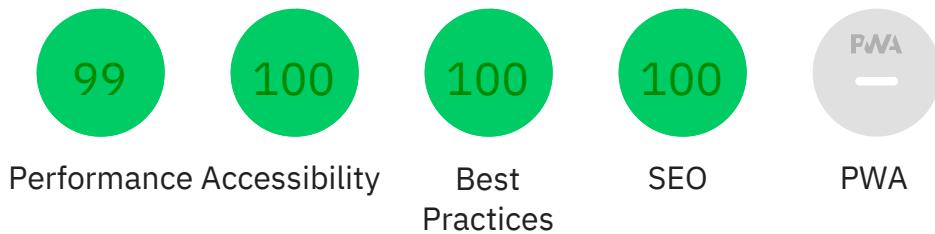
The screenshot shows the results of a rich result test for the URL <https://intistella.github.io/Nina-Carducci/>. The interface indicates that 2 valid elements were detected. It includes links to view the page and see the results. Below this, there's a detailed section for exploration, which was run on April 4, 2024, at 12:39:56. The structured data detection section shows two categories: 'Commerce et services à proximité' and 'Organisation', each with one valid element detected.

### 1. Balises Meta pour les réseaux sociaux

Nous avons ajouté les balises Meta Open Graph spécifiques pour lire et afficher les informations de Facebook et Twitter.

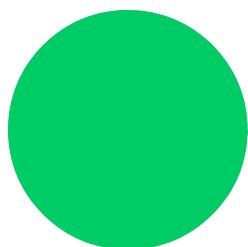
## V- Annexe

Nous avons joint les rapports lighthouse pour Desktop et mobile dans les pages suivantes.



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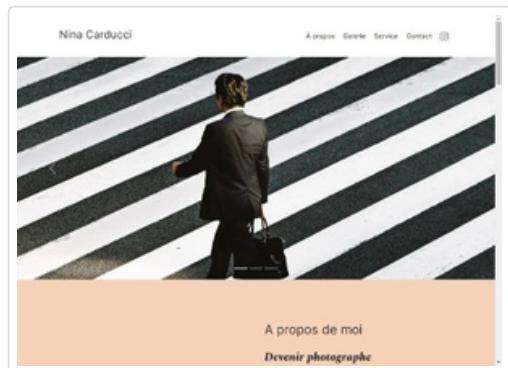


## Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)



0–49 50–89 90–100



## METRICS

[Expand view](#)

### First Contentful Paint

0.7 s

### Largest Contentful Paint

0.8 s

### Total Blocking Time

0 ms

### Cumulative Layout Shift

0

### Speed Index

0.8 s

[View Treemap](#)



Show audits relevant to: [All](#) [FCPL](#) [CPT](#) [BT](#) [CLS](#)

## DIAGNOSTICS

Eliminate render-blocking resources — **Potential savings of 180 ms** ▼

Properly size images — **Potential savings of 567 KiB** ▼

Image elements do not have explicit [width](#) and [height](#) ▼

Minify JavaScript — **Potential savings of 11 KiB** ▼

Serve static assets with an efficient cache policy — **20 resources found** ▼

Reduce unused JavaScript — **Potential savings of 33 KiB** ▼

Initial server response time was short — Root document took 130 ms ▼

User Timing marks and measures — **1 user timing** ▼

Avoid large layout shifts — **2 layout shifts found** ▼

Avoids enormous network payloads — Total size was 1,009 KiB ▼

Avoids an excessive DOM size — **137 elements** ▼

Avoid chaining critical requests — **10 chains found** ▼

JavaScript execution time — **0.1 s** ▼

Minimizes main-thread work — **0.3 s** ▼

Minimize third-party usage — Third-party code blocked the main thread for 0 ms ▼

Largest Contentful Paint element — **750 ms** ▼

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score. ▼

PASSED AUDITS (23)

Show



100

## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) [Show](#) These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (20)

[Show](#)

NOT APPLICABLE (41)

[Show](#)



100

## Best Practices

TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks



GENERAL

- Detected JavaScript libraries



PASSED AUDITS (14)

[Show](#)

NOT APPLICABLE (1)

[Show](#)



100

## 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)

Show

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

### PASSED AUDITS (10)

Show

### NOT APPLICABLE (4)

Show

Alongside [Chrome's updated Installability Criteria](#), Lighthouse will be deprecating the PWA category in a future release. Please refer to the [updated PWA documentation](#) for future PWA testing.



## PWA

These checks validate the aspects of a Progressive Web App. [Learn what makes a good Progressive Web App.](#)

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### INSTALLABLE

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

▲ reason

▼

### PWA OPTIMIZED

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

▼

Does not set a theme color for the address bar.

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

Content is sized correctly for the viewport

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

Manifest doesn't have a maskable icon

No manifest was fetched

ADDITIONAL ITEMS TO MANUALLY CHECK (3) Show These checks are required by the baseline

[PWA Checklist](#) but are not automatically checked by

Lighthouse. They do not affect your score but it's important that you verify them manually.

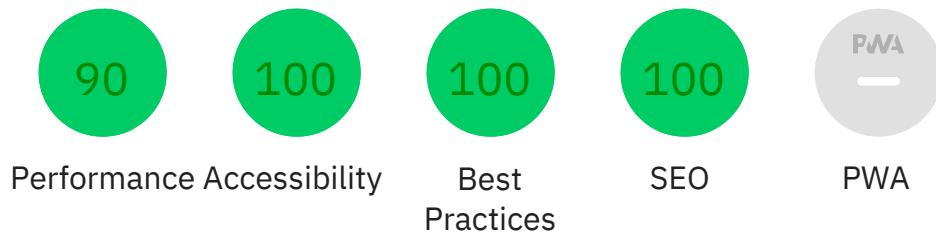
Captured at Apr 1,  
2024, 10:29 AM  
GMT+2

Initial page load

Emulated ..... Desktop  
with ..... Lighthouse  
11.5.0  
..... Using Chromium  
Custom throttling

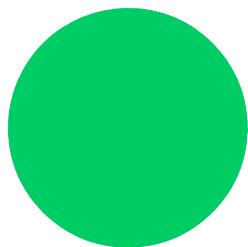
Single.page.session  
.....  
123.0.0.0.with.devtools

Generated by Lighthouse 11.5.0 | [File an issue](#)



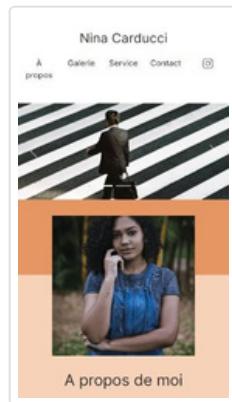
There were issues affecting this run of Lighthouse:

- There may be stored data affecting loading performance in this location: IndexedDB. Audit this page in an incognito window to prevent those resources from affecting your scores.



## Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)



0–49 50–89 90–100

## METRICS

[Expand view](#)

### First Contentful Paint

1.8 s

### Largest Contentful Paint

3.5 s

### Total Blocking Time

50 ms

### Cumulative Layout Shift

0.025

### Speed Index

2.9 s

[View Treemap](#)



Show audits relevant to: [All](#) [FCP](#) [LCP](#) [CPT](#) [BT](#) [CLS](#)

## DIAGNOSTICS

Properly size images — **Potential savings of 382 KiB**

Defer offscreen images — **Potential savings of 109 KiB**

Largest Contentful Paint element — **3,460 ms**

Eliminate render-blocking resources — **Potential savings of 560 ms**

Image elements do not have explicit `width` and `height`

Serve static assets with an efficient cache policy — **20 resources found**

Reduce unused JavaScript — **Potential savings of 33 KiB**

Avoids an excessive DOM size — **137 elements**

Avoid large layout shifts — **2 layout shifts found**

Minimizes main-thread work — **1.1 s**

Avoid long main-thread tasks — **4 long tasks found**

User Timing marks and measures — **1 user timing**

Initial server response time was short — Root document took **40 ms**

Avoids enormous network payloads — Total size was **716 KiB**

Avoid chaining critical requests — **10 chains found**

JavaScript execution time — **0.3 s**

Minimize third-party usage — Third-party code blocked the main thread for **0 ms**

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

## PASSED AUDITS (22)

Show



### Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

## ADDITIONAL ITEMS TO MANUALLY CHECK (10) Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

## PASSED AUDITS (20)

Show

## NOT APPLICABLE (41)

Show



### Best Practices

## TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks



## GENERAL

- Detected JavaScript libraries



## PASSED AUDITS (14)

Show

## NOT APPLICABLE (1)

Show



### 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)

Show

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

## PASSED AUDITS (12)

Show

## NOT APPLICABLE (2)

Show

Alongside [Chrome's updated Installability Criteria](#), Lighthouse will be deprecating the PWA category in a future release. Please refer to the [updated PWA documentation](#) for future PWA testing.



### PWA

These checks validate the aspects of a Progressive Web App. [Learn what makes a good Progressive Web App.](#)

---

## INSTALLABLE

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

▲ reason

▼

## PWA OPTIMIZED

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

Does not set a theme color for the address bar.

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

Content is not sized correctly for the viewport

**The viewport size of 413px does not match the window size of 412px.**

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

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

**ADDITIONAL ITEMS TO MANUALLY CHECK (3)** Show These checks are required by the baseline

[PWA Checklist](#) but are not automatically checked by

Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at Apr 4,  
2024, 9:58 AM GMT+2

Initial page load

Emulated Moto G  
Power with Lighthouse  
11.5.0

Slow 4G throttling Chromium

Single page session  
.....  
123.0.0.0 with devtools

Generated by Lighthouse 11.5.0 | [File an issue](#)