Optimization report

This is the first report from Lighthouse:

index.html

63	87	93	94	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0–49   ■ 50–89   ● 90–100

contactme.html

98	62	93	81	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0–49   ■ 50–89   ● 90–100
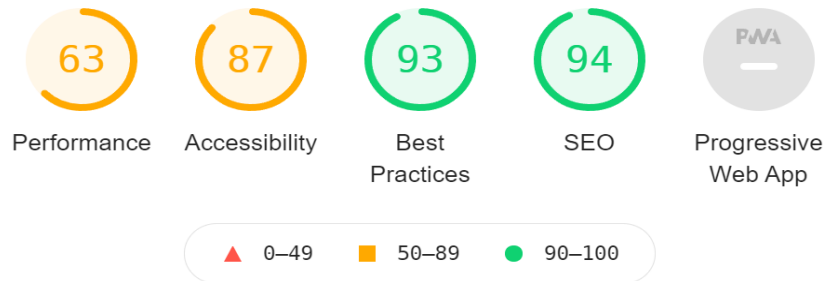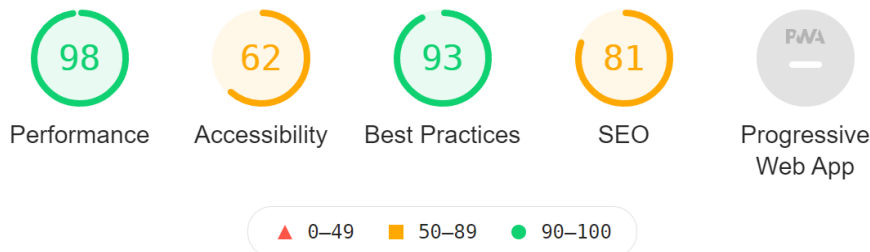
This is the list about what I changed

- I changed every picture format to webp and size

Before:

title2	png	15,677	28/09/2
title	png	16,114	28/09/2
texture-paper	png	96,140	28/09/2
quote	png	8,445	28/09/2
lines-h2-bg	png	1,023	28/09/2
dots-bg	png	1,147	28/09/2
atlanta web designer mike	png	116,545	28/09/2
atlanta web design logo	png	11,208	28/09/2
atlanta made sign	jpg	968,123	28/09/2
atlanta made sign orange	jpg	26,344,119	28/09/2
4	bmp	1,920,054	28/09/2
3	bmp	1,920,054	28/09/2
2	jpg	1,093,339	28/09/2
11	jpg	356,708	28/09/2

After:

11	webp	23,530	08/10/2
2	webp	13,948	08/10/2
3	webp	16,732	08/10/2
4	webp	17,310	08/10/2
Apple	webp	6,516	15/10/2
atlantamadesign	webp	567,844	28/09/2
atlantamadesignorange	webp	912,202	28/09/2
atlantawebdesignermike	webp	14,964	29/09/2
atlantawebdesignlogo	webp	7,564	10/10/2
dots-bg	webp	150	28/09/2
lines-h2-bg	webp	146	28/09/2
quote	webp	10,906	28/09/2
texture-paper	webp	67,512	28/09/2
title	webp	11,822	28/09/2
title2	webp	11,428	28/09/2

```
.imgwh
{
    width: 270px;
    height:270px;
}
```
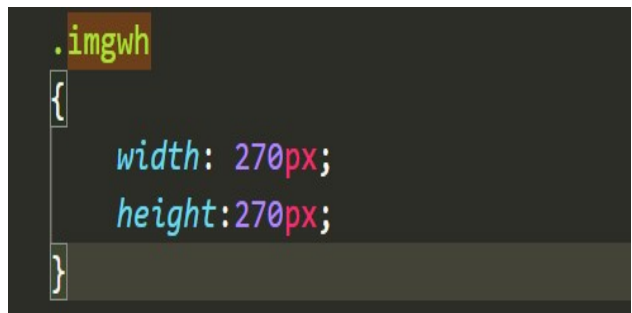
(https://web.dev/uses-responsive-images/?utm_source=lighthouse&utm_medium=devtools)

- I changed the colour of the background and foreground because not was visible.

Before:

After:

(https://web.dev/color-contrast/?utm_source=lighthouse&utm_medium=devtools)

- I add correct lang attribute it was default and I changed to en-BG.

Before:

After:

(https://web.dev/html-lang-valid/?utm_source=lighthouse&utm_medium=devtools)

- I give aria-labels to social icons

  Before:

```
        <a class="social" href="index.html"><span class="fa fa-twitter icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
<div class="col-sm-3">
    <div class="text-center">
        <a class="social" href="index.html"><span class="fa fa-facebook icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
<div class="col-sm-3">
    <div class="text-center">
        <a class="social" href="index.html"><span class="fa fa-dribbble icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
<div class="col-sm-3">
    <div class="text-center">
        <a class="social" href="index.html"><span class="fa fa-instagram icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
```

  After:

```
        <a class="social" href="index.html" aria-label="Twitter Button"><span class="fa fa-twitter icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
<div class="col-sm-3">
    <div class="text-center">
        <a class="social" href="index.html" aria-label="Facebook Button"><span class="fa fa-facebook icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
<div class="col-sm-3">
    <div class="text-center">
        <a class="social" href="index.html" aria-label="Dribbble Button"><span class="fa fa-dribbble icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
<div class="col-sm-3">
    <div class="text-center">
        <a class="social" href="index.html" aria-label="Instagram Button"><span class="fa fa-instagram icon-md"></span></a>
    </div>/.text-center
</div>/.col-sm-3
```
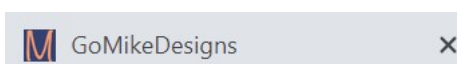
  (https://web.dev/link-name/?utm_source=lighthouse&utm_medium=devtools)

- I changed the website title to GoMikeDesigns

  Before:

  After:

  (https://www.w3schools.com/tags/tag_title.asp)

- I give labels to every form elements

Before:

```
<form id="form_1" novalidate success-msg="Your message has been sent." fail-msg="Sorry it seems that our ma
    <div class="form-group">
        <label>
            Name
        </label>
        <input id="name" class="form-control" required />
    </div>/.form-group
    <div class="form-group">
        <label>
            Email
        </label>
        <input id="email" class="form-control" type="email" required />
    </div>/.form-group
    <div class="form-group">
        <label>
            How did you find me?
        </label>
        <input class="form-control" type="email" required id="input_504" />
    </div>/.form-group
    <div class="form-group">
        <label>
            Project brief (Please be as detailed as possible including your company goals and any improveme
        </label><textarea id="message" class="form-control" rows="4" cols="50" required></textarea>
    </div>/.form-group
    <button class="bloc-button btn btn-lg btn-block cta-hero btn-atomic-tangerine" type="submit">
        Let's go Mike
    </button>/.bloc-button.btn.btn-lg.btn-block.cta-hero.btn-atomic-tangerine
</form>/#form_1
```

After:

```
<form id="form_1">
    <div class="form-group black">
        <label for="name">
            Name:
        </label>
        <input id="name" class="form-control" required />
    </div>/.form-group.black
    <div class="form-group black">
        <label for="email">
            Email:
        </label>
        <input id="email" class="form-control" type="email" required />
    </div>/.form-group.black
    <div class="form-group black">
        <label for="input_504">
            How did you find me?
        </label>
        <input class="form-control" type="email" required id="input_504" />
    </div>/.form-group.black
    <div class="form-group black">
        <label for="message">
            Project brief (Please be as detailed as possible including your company goals and any improvemer
        </label><textarea id="message" class="form-control" rows="4" cols="40" required></textarea>
    </div>/.form-group.black
    <button class="bloc-button btn btn-lg btn-block cta-hero btn-atomic-tangerine" type="submit">
        Let's go Mike
    </button>/.bloc-button.btn.btn-lg.btn-block.cta-hero.btn-atomic-tangerine
</form>/#form_1
```

(https://web.dev/label/?utm_source=lighthouse&utm_medium=devtools)

-
-
-
-
-

-
- Made the tap targets bigger

Before:

After:

(https://web.dev/tap-targets/)

- Minify CSS and Javasript files

Before:

blocs	js	12,557	28/09/2
bootstrap	js	50,156	28/09/2
formHandler	js	2,394	28/09/2
gmaps	js	66,187	28/09/2
jqBootstrapValidation	js	36,236	28/09/2
jquery.touchSwipe	js	28,466	28/09/2
jquery-2.1.0	js	140,180	28/09/2

After:

blocs	js	12,557	28/09/2
bootstrap	js	36,622	29/09/2
formHandler	js	2,394	28/09/2
gmaps	js	31,805	29/09/2
jqBootstrapValidation	js	36,236	28/09/2
jquery.touchSwipe	js	28,466	28/09/2
jquery-2.1.0	js	83,246	29/09/2

(https://web.dev/unminified-javascript/?utm_source=lighthouse&utm_medium=devtools)

- I removed unnecessary keywords

  Before:

  `<meta name="keywords" content="seo, google, website, internet, web design, design agency, design agency, design agency, design agency, design agency, design agency, logo design atlanta">`

  After:

  `<meta name="keywords" content="website, web design, design agency, logo design atlanta">`

  (https://www.w3schools.com/tags/tag_meta.asp)

- Replace local bootstrap css file to external link

  Before:

  `<link rel="stylesheet" type="text/css" href="./css/bootstrap.css">`

  After:

  `<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script>`
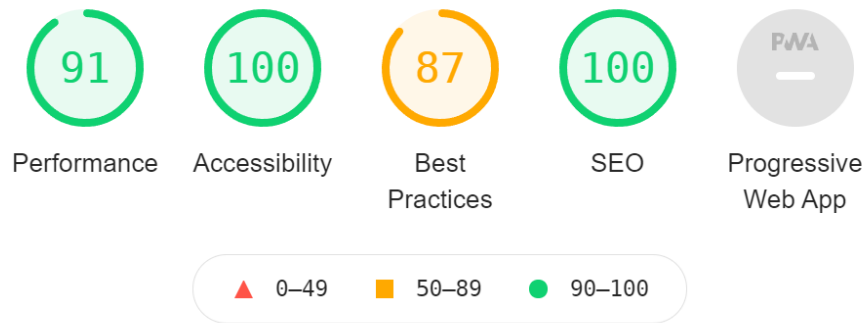
- W3C HTML and CSS validator check

  Before:

1. **Error** Bad value `Default` for attribute `lang` on element `html` : The language subtag `default` is not a valid IANA language part of a language tag.

   From line 1, column 16; to line 2, column 21

   `type html>↵<html lang="Default">↵<head`

2. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.

   From line 38, column 47; to line 38, column 110

   `dex.html"><img src="img/atlanta%20web%20design%20logo.png"  height="40" /></a>↵`

3. **Error** Attribute `success-msg` not allowed on element `form` at this point.

   From line 82, column 5; to line 82, column 170

   `m-6">↵                       <form id="form_1" novalidate success-msg="Your message has been sent." fail-msg="Sorry it seems that our mail server is not responding, Sorry for the inconvenience!">↵`

   Attributes for element `form`:
   - Global attributes
   - `accept-charset` — Character encodings to use for form submission
   - `action` — URL to use for form submission
   - `autocomplete` — Default setting for autofill feature for controls in the form
   - `enctype` — Entry list encoding type to use for form submission
   - `method` — Variant to use for form submission
   - `name` — Name of form to use in the `document.forms` API
   - `novalidate` — Bypass form control validation for form submission
   - `target` — Browsing context for form submission
   - `rel`

4. **Error** Attribute `fail-msg` not allowed on element `form` at this point.

   From line 82, column 5; to line 82, column 170

   `m-6">↵                       <form id="form_1" novalidate success-msg="Your message has been sent." fail-msg="Sorry it seems that our mail server is not responding, Sorry for the inconvenience!">↵`

   Attributes for element `form`:
   - Global attributes
   - `accept-charset` — Character encodings to use for form submission
   - `action` — URL to use for form submission
   - `autocomplete` — Default setting for autofill feature for controls in the form
   - `enctype` — Entry list encoding type to use for form submission
   - `method` — Variant to use for form submission
   - `name` — Name of form to use in the `document.forms` API
   - `novalidate` — Bypass form control validation for form submission
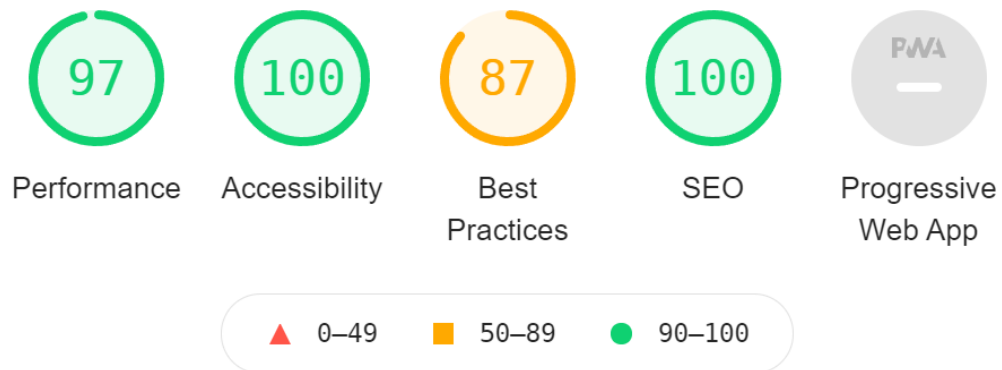   - `target` — Browsing context for form submission
   - `rel`

  After:

  Document checking completed. No errors or warnings to show.

Lighthouse report after the changes

index.html

91	100	87	100	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0–49   ■ 50–89   ● 90–100

contactme.html

97	100	87	100	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

▲ 0–49   ■ 50–89   ● 90–100

Link to GitHub repo of the updated website:
(https://androrsy.github.io/Project4OC/)