

## Audit for Project 4

### 1) Results from LightHouse(By Google)

The screenshot displays the GoMikeDesigns website on the left and the Lighthouse audit results on the right. The website features a dark blue header with the 'GoMikeDesigns' logo, a hero section with a cartoon character and the text 'hi! I'm Mike.', and a 'CONTACT' button. Below this is a section titled 'I create w Atlanta compani' with a 'WEBSITE DESIGN' icon and a paragraph about website refreshes.

The Lighthouse audit results are shown on the right, with a performance score of 68. The audit includes a table of metrics and a list of opportunities for improvement.

Metric	Value
First Contentful Paint	0.5 s
Speed Index	3.5 s
Largest Contentful Paint	1.6 s
Time to Interactive	1.1 s
Total Blocking Time	380 ms
Cumulative Layout Shift	0.085

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

[View Trace](#)

**Opportunities** — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity	Estimated Savings
▲ Properly size images	2.88 s
■ Eliminate render-blocking resources	0.19 s

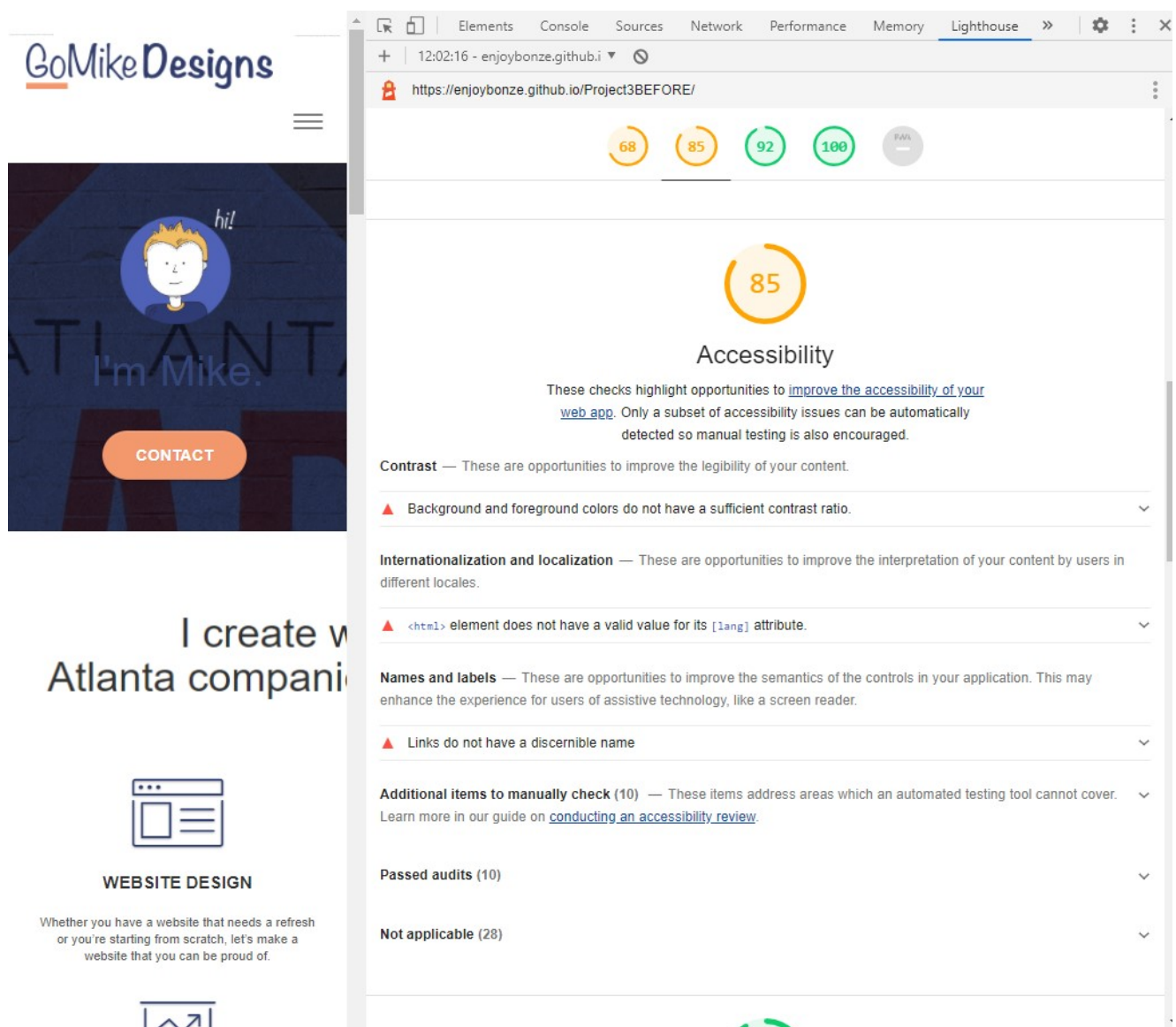
**Diagnostics** — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

- ▲ Avoid enormous network payloads — Total size was 31,094 KB
- ▲ Serve static assets with an efficient cache policy — 24 resources found
- ▲ Ensure text remains visible during webfont load
- Avoid chaining critical requests — 9 chains found
- Keep request counts low and transfer sizes small — 25 requests • 31,094 KB
- Largest Contentful Paint element — 1 element found
- Avoid large layout shifts — 5 elements found

Speed index (24)

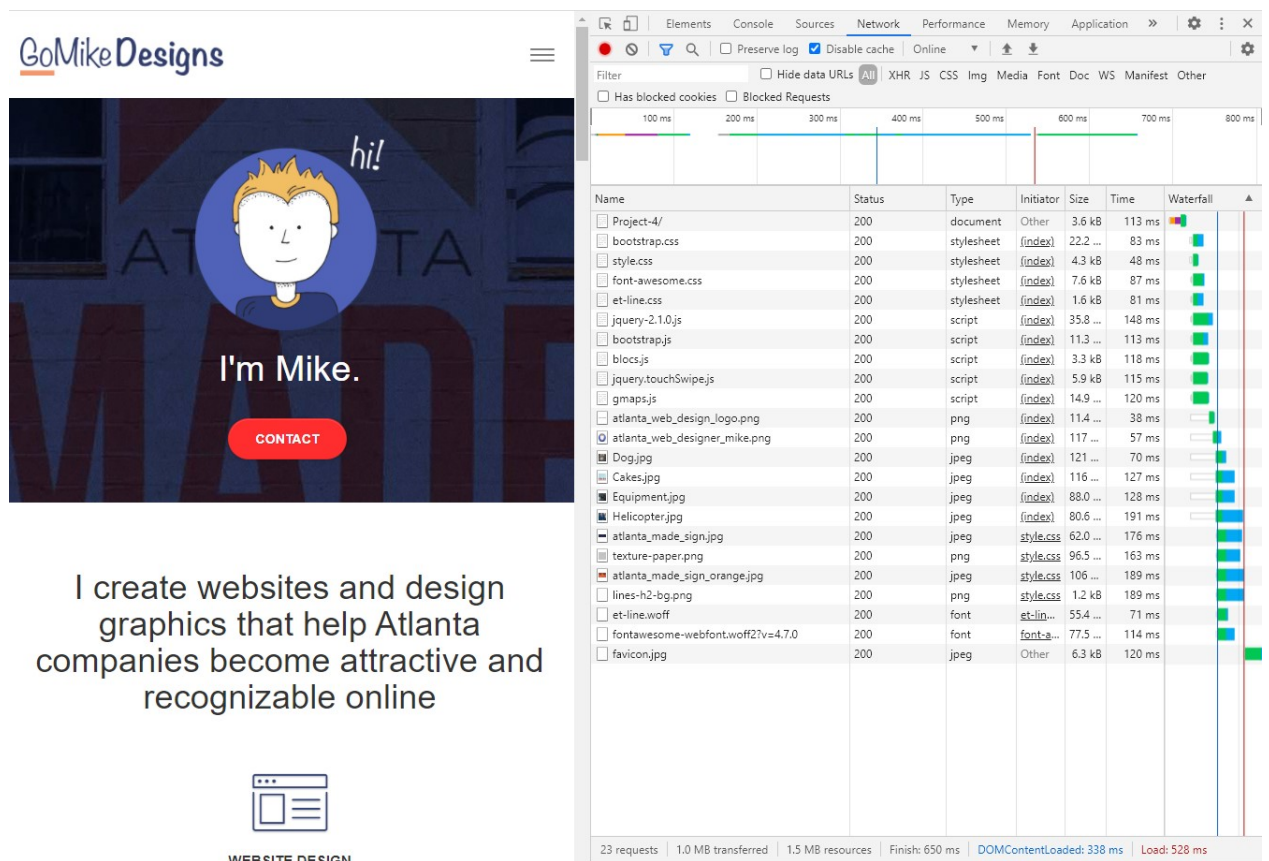
28 requests | 33.1 MB transferred | 34.9 MB resources | Finish: 13.83 s | DOMContentLoaded: 732 ms | Load: 13.70 s

Problems Detected: Problems with images and loading

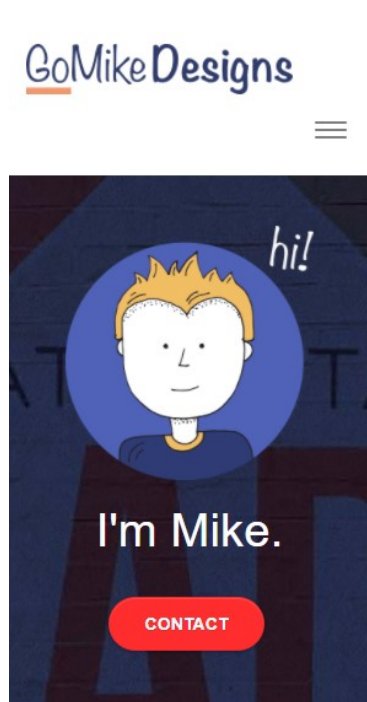


Problems detected: Missing descriptions for links and localization.

**Project 4 Problem solving.**

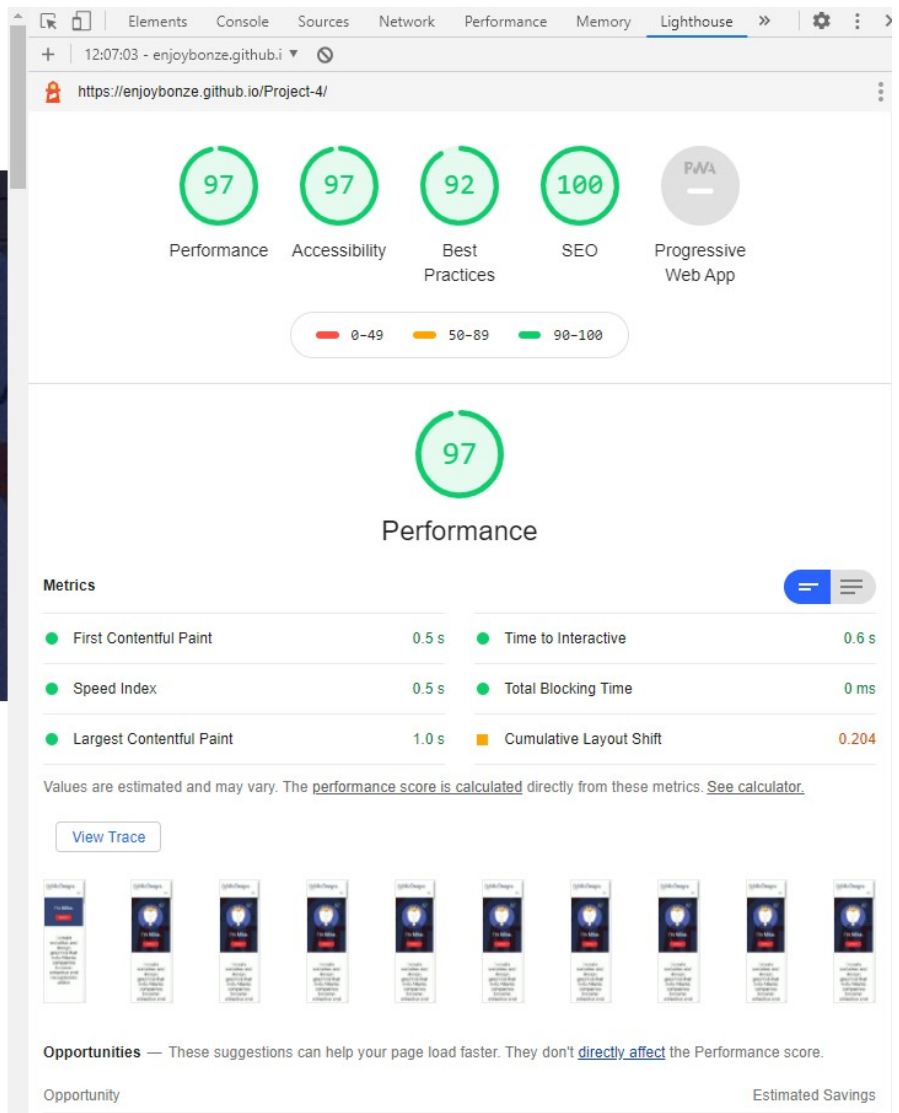


1) Received a 650ms for loading after 13.80 sec from previous version.



I create  
websites and  
design  
graphics that  
help Atlanta  
companies  
become

2) Rise in Performance and accessibility.



### Problems which appeared:

SEO	
Problems:	Explanation:
Titles	Both titles can be used by SEO to find your website
!doctype	Machine searching tried to search for correct semantics.
Pictures	Some pictures have words inside, which can be used for SEO
Semantics	Machine searching tried to search for correct semantics.
SocialMedia	Machine searching tried to search for correct labels.
Black Hats	Machine searching could ban you site for hidden words.
Lang="default"	You must use correct properties for semantics.
Page Names	Machine searching can help you improve your searching rate.
SocialMedia	You should apply links for socials.
Pictures	Incoded with urls %20 and names for pictures.
Accessibility	
Problems:	Explanation:
Colors	Colors must be visible.
Styles	Improper styles inside html code.
Unused semantics	If there are empty tags which can make problems if CSS will be applied.
Missing tags	There is some name of lists which has no tag for it.
Wrong Links	A lot of mistakes inside the code, especially when links lead to inexistent files.
Wrong CSS parameters	Especially: ScrollToTop Opacity = "0"
Responsive	Before you trying to host your website, you need to make sure that it has responsiveness

## References

- 1) Mike Miello, 2019. Drive Traffic to Your Website With Search Engine Optimization (SEO),  
<https://openclassrooms.com/en/courses/3594061-drive-traffic-to-your-website-with-search-engine-optimization-seo>
- 2) Mike Miello, 2019. Ensure Your Website Meets Technical SEO Requirements.  
<https://openclassrooms.com/en/courses/1306056-ensure-your-website-meets-technical-seo-requirements>
- 3) Emily Reese, 2020. Build Your First Web Pages With HTML and CSS,  
<https://openclassrooms.com/en/courses/5265446-build-your-first-web-pages-with-html-and-css>