



### Assessment Submission Form

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Signed.....Firas Mezghani..... Date .....04/07/2024 .....

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# Introduction

My portfolio and my resume are showcased in this report. I have created a webpage that shows my portfolio, which comprises interactive skills and experiences. Using overleaf latex I built a curriculum vitae (CV) that is structured with rich details which are important in setting out my technical expertise.

## 1 Methodology

I decided to have a modern and visually appealing design for my portfolio therefore I had to use HTML5 and CSS3. By implementing these, I was able to properly arrange the information and style it for a better user experience. I made my CV and this report using Overleaf Latex – an online LaTeX editor that is rich in features and that allows for collaboration as well. Version control and project docking were through GitHub as well. I made use of Overleaf which provided advanced typesetting capabilities so that I could create my resume as well as this report in it just like every other person. Also with the aim of using it as version control and project docking site needed for my resume.

## 2 Overview

### 2.1 Portfolio URL

**Portfolio web page :** <https://firasmezghani.github.io/Portfolio-Mezghani-Firas>

**GitHub Repository :** <https://github.com/firasmezghani/Portfolio-Mezghani-Firas.git>

### 2.2 Architecture and Design Decisions

This portfolio website is designed to display my skills, projects, and experience.

- Home Page:

Features a background image with a profile section displayed on it Including a navigation bar for easy access to other sections.

- About :

Offers a brief introduction and background information.

- Skills :

Lists technical proficiencies in a clean and readable format.

- Projects :

Showcases various completed projects with descriptions, organized in a modular format for easy browsing.

- Contact :

Provides essential contact information, including an email address, facilitating easy communication and networking opportunities.

### 2.2.1 Typography and Color Scheme:

The portfolio uses a font that is simple with dark text against a light background making it easy for people who have problems reading.

## 3 Technology and Tools Used

- HTML5
- CSS3
- Visual Studio Code
- GitHub
- Git

## 4 Reflection

### 4.1 Strengths

- **Responsive Layout:** Adapts well to various devices.
- **Clear Presentation:** Well-organized sections highlight skills, projects, and contact details.

### 4.2 Weaknesses

- **Limited Interactivity:** Lacks engaging interactive elements.
- **Basic Functionality:** No advanced features like a blog or feedback forms.
- **Static Content** Requires manual updates to keep current.

### 4.3 Future Improvements

- **Add Interactivity:** Incorporate animations and interactive demos.
- **Enhance Accessibility:** Improve accessibility features.
- **SEO Optimization:** Optimize for search engines to increase visibility.
- **Use JavaScript Libraries:** Incorporate libraries like Angular or React for enhanced functionality and performance.

## 5 Conclusion

To conclude my portfolio showcases my skills and projects in a very clean design. This will be improved in the future with interactivity content, along with more functionality from advanced libraries like React JavaScript and others.