

INTERN CAREER Web Development Internship

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Task 1: Build a personal Website Documentation

1. Overview

This document provides an overview of the personal portfolio website project. The purpose of this project is to create a responsive and visually appealing website to showcase the skills and projects of the web development intern. The website includes various components such as design, content, responsiveness, interactivity, technologies used, testing procedures, and deployment.

2. Technologies Used:

The following technologies were used in the development of the personal portfolio website:

- HTML (Hypertext Markup Language) - Used for structuring the content of web pages.
- CSS (Cascading Style Sheets) - Utilized for styling and designing the layout of the website.
- JavaScript - Implemented for adding interactivity and dynamic features to the website.

3. Guide to Navigating the Website:

a) Home/About Page:

- The home page serves as the landing page of the website. It includes a clean and attractive user interface designed using modern design principles, colour schemes, and typography.
- Visitors can find a brief introduction about me, along with a navigation menu either at the bottom or top right-side (depending on the screen size) to explore other sections of the website.

b) About Section:

- The about section provides personal information about the me, the web development intern, including their name, bio, contact details and social media links such as LinkedIn, GitHub and Instagram. If you click at the top right corner/ the “show contacts” button, you will these details.
- Visitors can learn more about the clients the intern has worked with and testimonials given about the intern in this section.

c) Resume Section:

- The resume section provides a summarised version of Sihle Mbonani's resume. It includes information about her education timeline, her skills and also the option to download her resume as well

d) Portfolio Section:

- The portfolio section showcases the projects completed by the intern. Each project is accompanied by a description and links to the project websites.
- Visitors can explore the intern's work and view project details by clicking on the project eye icon when hovering over the project image.

a) Contac Section:

- The Contact section shows the visitor a contact form in which they can send a message to the intern's email.

4. Responsiveness:

- The website is designed to be responsive and mobile-friendly, ensuring a seamless user experience across different devices and screen sizes.
- Visitors can access the website on desktop computers, laptops, tablets, and smartphones without any issues.

5. Interactivity:

- Various interactive features are implemented throughout the website to enhance user engagement.
- Smooth scrolling, navigation menus, and contact forms are included to provide a dynamic browsing experience.

6. Testing Procedures:

Thorough testing was conducted to identify and fix any bugs, broken links, or design inconsistencies in the website. Testing procedures included:

1. Cross-browser compatibility testing to ensure the website performs consistently across different web browsers such as Chrome, Firefox, Safari, and Edge.
2. Device testing on various devices including desktop computers, laptops, tablets, and smartphones to ensure responsiveness and compatibility.
3. Functional testing of interactive features such as smooth scrolling, navigation menus, and contact forms to verify proper functionality.
4. Validation of HTML, CSS, and JavaScript code to ensure compliance with web standards and best practices.

7. Deployment:

The portfolio website is hosted on a hosting service such as GitHub Pages, to make it accessible online. The deployment process involved:

- Uploading the website files to a repository on the chosen hosting service.
- Configuring the necessary settings and domain if applicable.

- Testing the deployed website to ensure proper functionality and accessibility.

Design layout

This section includes images of the portfolio website developed by the intern. The images include the code developed in Visual Studio Code, and images of the portfolio website's about me page, resume page, portfolio page and contact page.

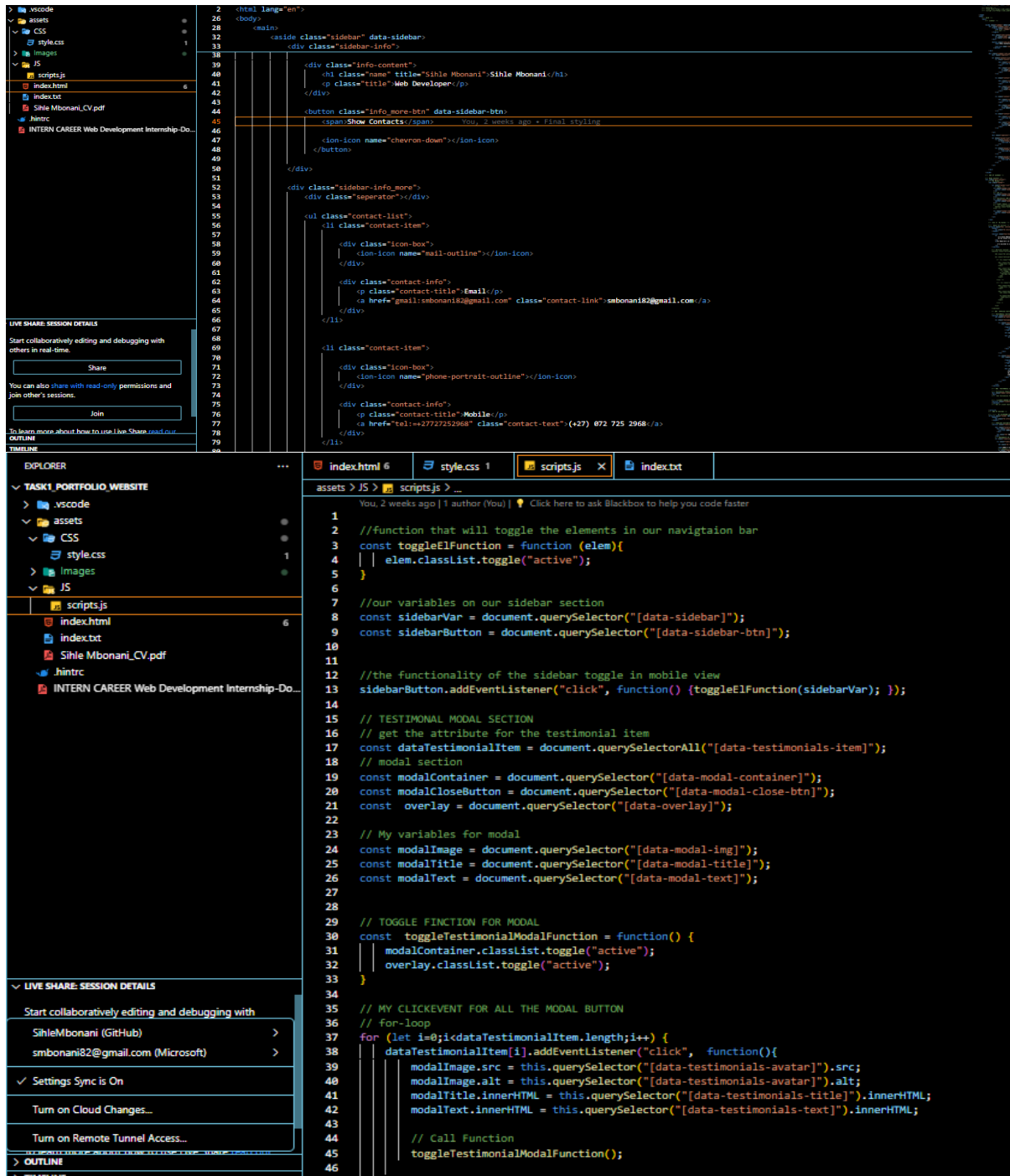


Image 1 & 2: Files used for the website & Code of the index.html and the script.js file

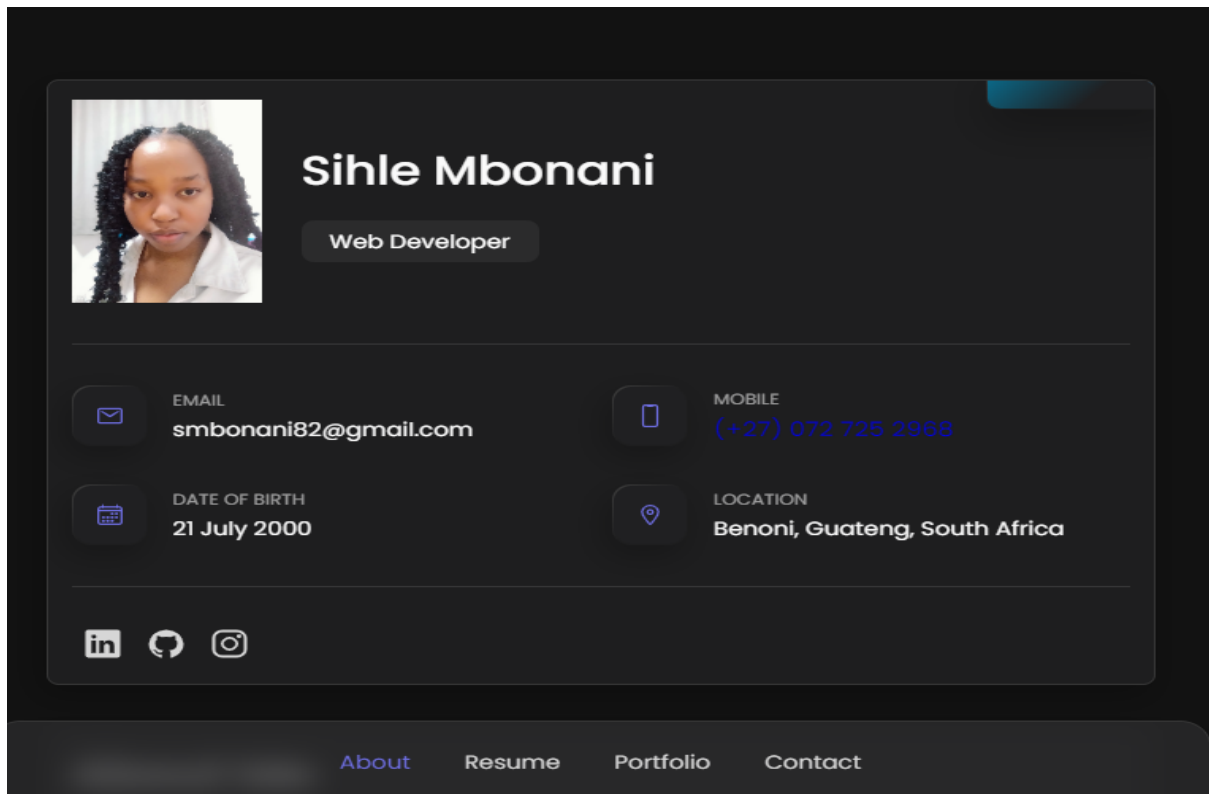


Image 3: The website home page where it showcases the web intern's personal details and the responsive navigation bar

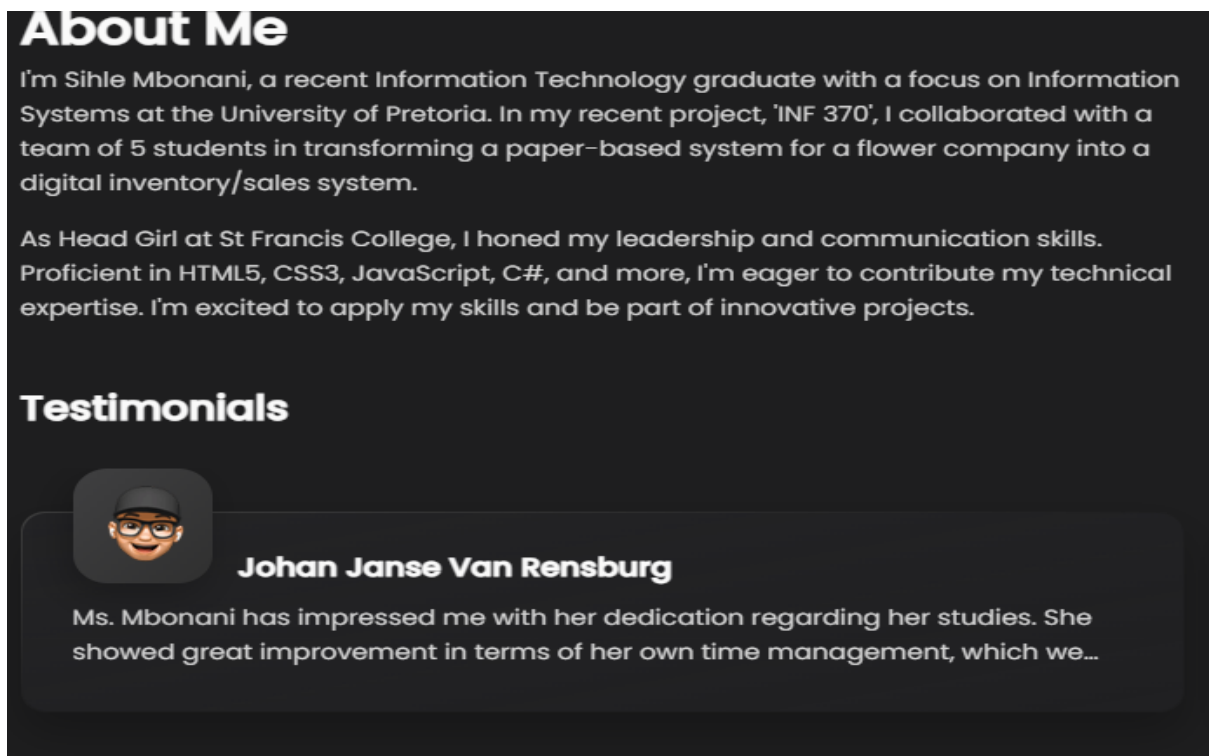


Image 4: The intern's about me section and testimonials.

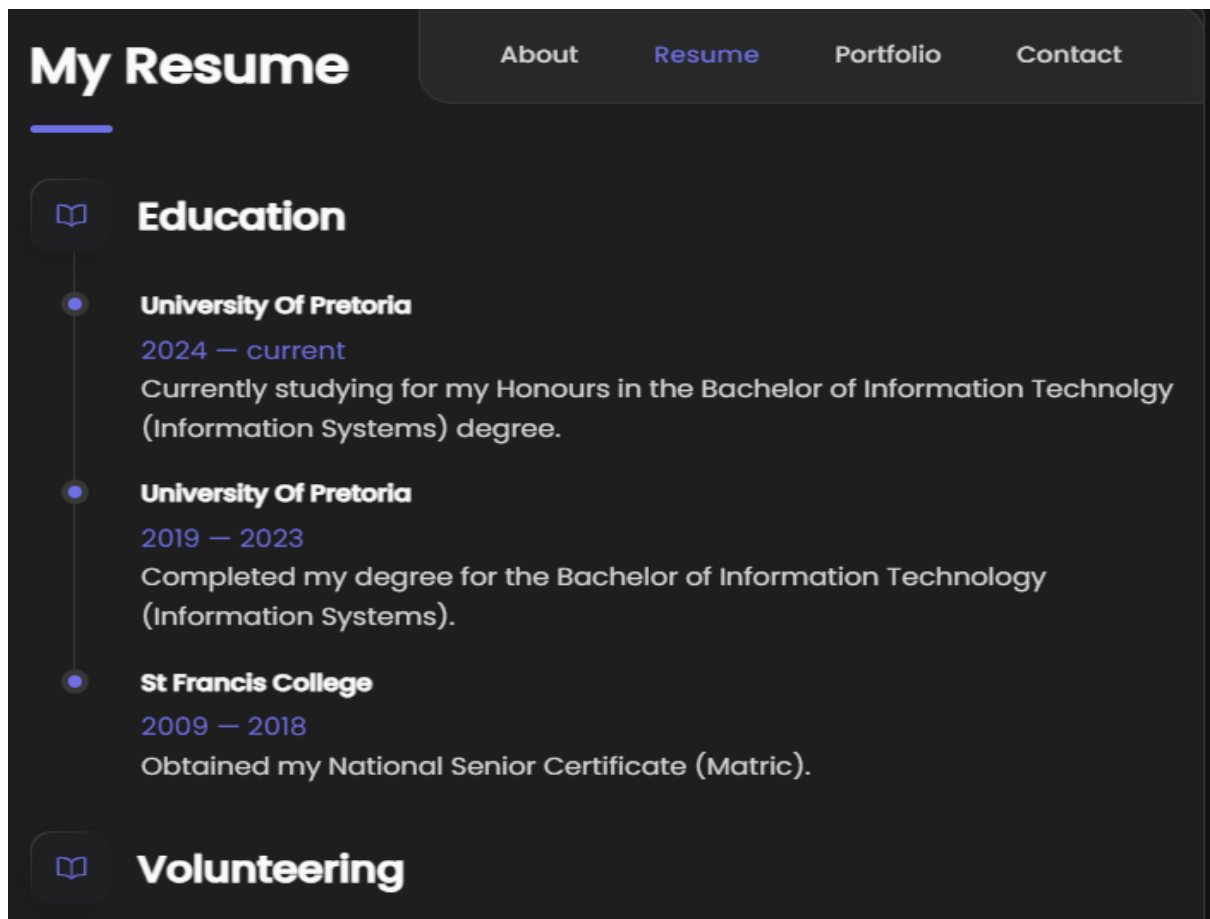


Image 5: The Resume page showing the education history and the responsive nav bar at the top.

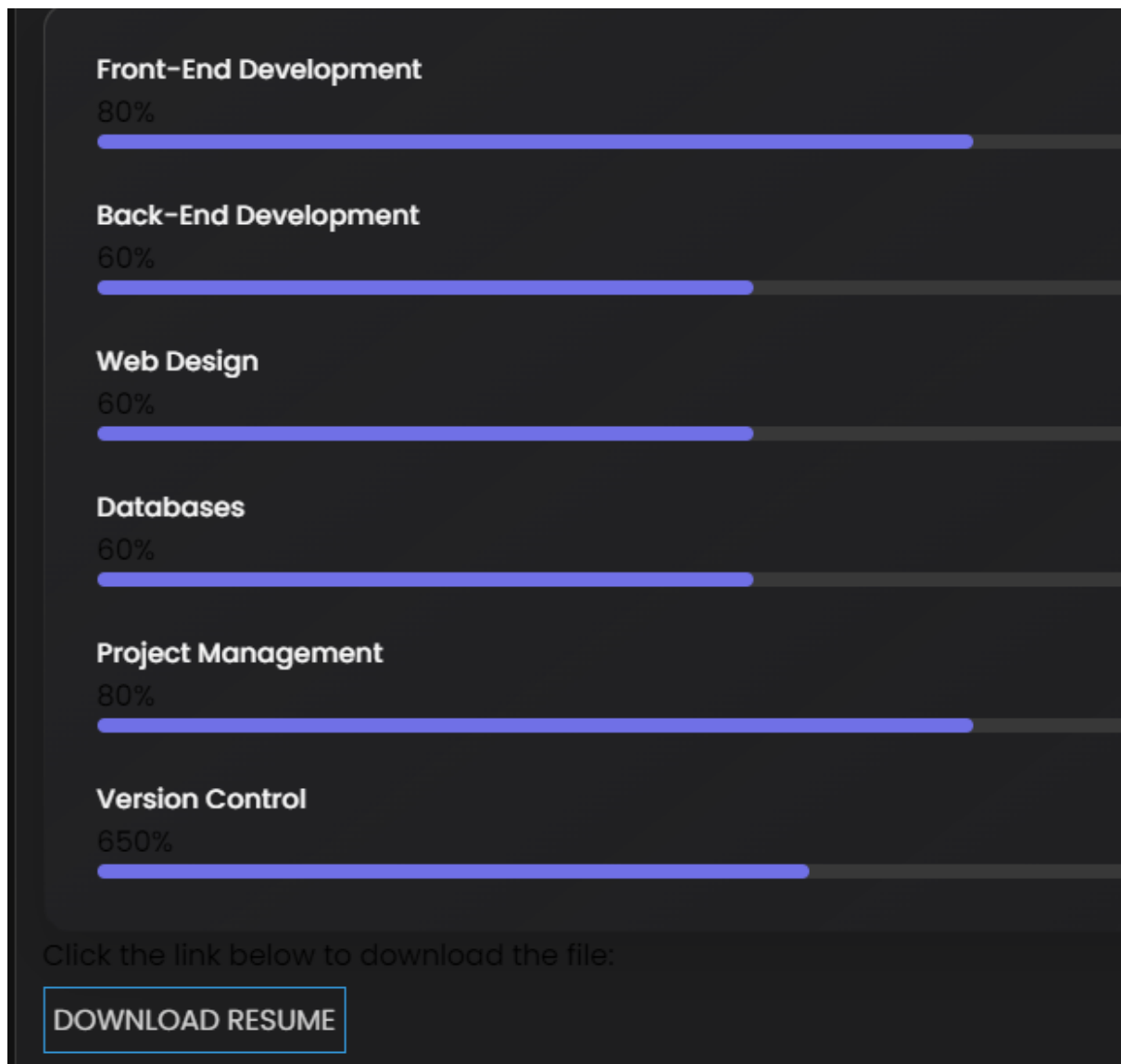


Image 6: The Resume page showing the skills developed, the download resume button and the responsive nav bar at the top.

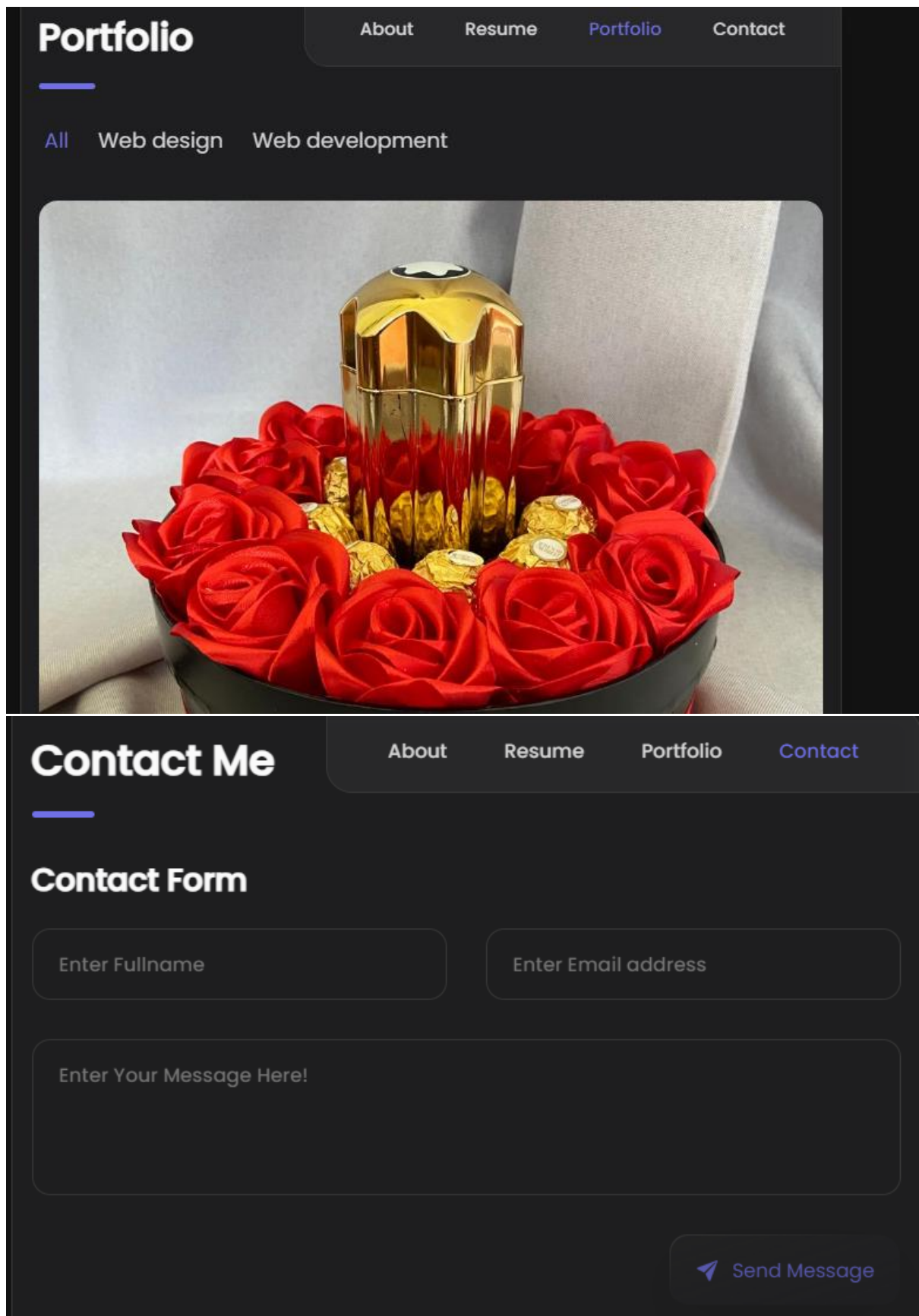


Image 6 & 7: The portfolio page showing the projects completed and links to the websites when you click on the image/ eye icon, the contact page to message me and the responsive nav bar at the top.

Conclusion:

This documentation provides an overview of the personal portfolio website project, including the technologies used, a guide to navigating the website, testing procedures, and deployment process. The website serves as a showcase of the web development intern's skills and projects, designed to provide a seamless user experience for visitors.