Final Project

Sakhi Munot (smunot)

Part 1: Website Description

Purpose of the Website:

The purpose of my website is to function as a professional portfolio. It aims to highlight my suitability for roles in product management by presenting my relevant experiences, skills, and interests in a structured manner. Having a website portfolio not only establishes my online presence, but also sets me apart from my peers in a competitive job market, facilitating networking and opening doors to numerous opportunities for mentorship, internships, and job offers.

Information Conveyed:

The website conveys a brief overview of my professional background, including my education at CMU, past internship experiences spanning different industries, and the transferable skills I gained from each experience.

Furthermore, it provides insight into my unique analog photography hobby, adding a personal touch and showcasing my creativity and interests beyond work. The website also features a contact section, enabling visitors to reach out via email, Instagram, or LinkedIn. By including this section, I aim to make it easy for potential employers, collaborators, or anyone interested in connecting to reach me directly.

In the future, as I gain more experience, I plan to expand my portfolio with additional projects and achievements to further demonstrate my capabilities in product management.

Interesting/Engaging Elements:

To make the website engaging, I have incorporated visually appealing design elements, subtle animations, and intuitive navigation. I extensively researched product management portfolios to understand the information they include, benchmark against industry standards, and incorporate best practices into my website design. The photography section adds a personal touch, making the website more relatable and interesting.

Target Audience:

The target audience includes potential employers, collaborators, colleagues, and friends. Employers looking to hire for product management roles can gain insight into my skills and

experiences. Colleagues and friends can explore my portfolio to learn more about my professional background and interests.

Part 2: User Interaction

Interaction Type: "Hire me!" Button Click
Reproduce: Click on the "Hire Me" button located on the top left corner of the page.
Description: This immediately takes you to my LinkedIn profile on a new tab, allowing recruiters or potential employers to view my profile and easily contact me.

Interaction Type: Navigation Bar
Reproduce: Use the navbar to navigate to relevant sections for easy access.
Description: Clicking on different sections of the navbar (e.g., "Home," "About" "Photography") scrolls the page to the corresponding section, providing quick access to different parts of my portfolio.

Interaction Type: Mobile Navigation
Reproduce: View the website on a mobile device.
Description: The navbar collapses into a hamburger menu icon. Clicking on the hamburger menu icon opens a dropdown menu where you can choose a section to navigate to. After selecting a section, the dropdown menu closes using the cross button, allowing the user to continue browsing the page.

Part 3: External Tool Usage

- **jQuery**

Why you chose to use it?
I chose jQuery for its ease of use and robustness in handling DOM manipulation and event handling. Given its extensive documentation and a lot of online resources available, I felt it was the most reliable solution for implementing interactive features on websites.

How you used it?
In the code, I utilized jQuery to create a mobile menu functionality. When a user clicks on the mobile menu opener with the class `.mobilemenuopener`, jQuery adds the `active` class to both the overlay and the main menu, making them visible. Conversely, clicking on either the mobile menu close button or the overlay removes the `active` class from both elements, hiding the menu.

What does it add to your website?
jQuery enhances the user experience by providing smooth and intuitive navigation on mobile. The mobile menu functionality ensures that users can easily access the main

menu without cluttering the screen with unnecessary elements, improving overall usability and satisfaction.

- **Swiper**

Why you chose to use it?
I opted for Swiper due to its versatility in creating responsive sliders and carousels. I also found useful resources for it online so I knew that would help with debugging. I also likes the look of it more than animation on scroll which I had used earlier but was too distracting.

How you used it?
Within the code, I instantiated a new Swiper instance with the class `.photographyslider`. I configured Swiper to display multiple slides per view, set a customized autoplay delay, and implemented breakpoints for responsive behavior across different screen sizes. These configurations allow the slider to adapt to various devices and screen resolutions seamlessly.

What does it add to your website?
Swiper enhances the visual appeal and engagement by providing an interactive photography carousal showcasing my work. This dynamic element adds a subtle but fun touch to the website and captivates users, encouraging them to explore further.

Part 4: Iterations on Prototypes

Throughout the development of my portfolio, I extensively iterated, relying on both personal experimentation and feedback from peers to refine the visual design and user experience. After FP1, I had a networking call with a Product Manager at Google to seek guidance on structuring the information and architecture of my portfolio. Subsequently, feedback from peers in the lab helped me critically assess design choices, leading to refinements in button placements, color schemes, typography, and user flow. Initially, I had incorporated the Animation on Scroll bundle for dynamic effects throughout the website, but after usability tests with 4 friends who found it distracting, I reduced unnecessary animations and switched to the Swiper library for a more seamless project showcase. Additionally, I constantly iterated on my responsiveness implementation based on user testing feedback. The result is a polished portfolio that effectively communicates my skills while providing a smooth and engaging browsing experience.

Part 5: Challenges Faced

I encountered difficulties primarily centered around learning new technologies independently, such as grasping concepts and syntax while learning jQuery, and Swiper on my own. Understanding how to effectively integrate these tools into my project and

troubleshooting errors was a significant learning curve. Despite these challenges, I persisted by seeking out online tutorials, documentation, and experimenting with code. In the last 48 hours, I found myself dealing with numerous bugs in my Bootstrap implementation, which led to an almost complete redo of the responsiveness and required a lot of rework on my part.