**P3. Final Production Report**

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ITM 780: Web Design and Management

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November 29, 2024

**Website URL** The completed version of my personal portfolio website can be accessed here: [aminahsyedd.github.io](https://aminahsyedd.github.io)

**Website Description**  
 This is a personal portfolio website designed to showcase my professional skills, accomplishments, and creative projects. It targets potential employers, collaborators, and peers who wish to learn more about my background and work. The site features a user-friendly navigation system and highlights my professional journey through interactive storytelling, visual elements, and organized sections such as “Education,” “About Me,” and “Contact.” The design emphasizes functionality and aesthetic appeal, reflecting my expertise and attention to detail.

**Design Strategy and Justification of Approach** The design strategy for my website is rooted in creating a professional yet approachable digital presence. The website adheres to principles of usability, accessibility, and responsive design, ensuring an engaging experience for users. By writing the code from scratch using HTML, CSS, and JavaScript, I retained complete control over layout, interactivity, and performance, enabling a tailored and unique outcome.

A fixed top navigation bar ensures ease of access to all sections of the site, regardless of where users are on the page. The menu items—Education, Professional Experience, Extra-Curricular Activities, Downloads and Contact Me—are intentionally concise to avoid overwhelming users

Storytelling was a deliberate strategy to humanize the site, connecting users emotionally to the content. Each section flows naturally, guiding visitors through my professional and personal journey with engaging visuals and concise narratives. Research supports that storytelling enhances user retention and creates a more memorable experience.

A professional color palette and clean typography were chosen to create an approachable and modern feel. The use of white space allows the content to breathe and reduces cognitive overload, improving readability. The layout balances imagery and text to create a visually appealing design without distracting from key information.

**Areas of Difficulty**  
 One significant challenge was ensuring the website rendered consistently across different browsers. CSS styles behave unpredictably in certain browsers, especially older versions of Internet explorer.

Maintaining a cohesive design across all pages required repeated adjustments to global styles for fonts, colors, and spacing. Small discrepancies in typography or layout became noticeable during development. Creating a design system with standardized CSS variables helped ensure uniformity, although refining these details was time-intensive.

Balancing the demands of custom coding, design decisions, and testing presented time management challenges. Tasks like debugging interactivity or refining animations often took longer than anticipated, leaving less time for polishing content. To mitigate this, I created a structured timeline with prioritized milestones and dedicated blocks of time for specific tasks, ensuring steady progress.

**Accessibility and SEO Report**  
 The website was tested using Accessibility Checker. The results confirm compliance with most WCAG 2.1 Level AA standards, with suggestions for improvement including adding more descriptive alt text for images and improving contrast in certain areas. These adjustments have been noted for immediate implementation.

The website’s SEO was analyzed using SEO Review Tools. The results indicate strong performance in key areas such as metadata, keyword usage, and responsive design. Recommendations include further optimization of page load speed and refining header tags for improved search engine visibility.

Summary of Key Metrics:  
Accessibility Score: 72/100  
SEO Score: 91/100  
(The full reports are included in the appendix.)

**Future Work** While the current version of the website is functional and user-friendly, there are areas for enhancement. Future improvements include refining the layout and responsiveness for smaller devices to ensure a seamless user experience across all screen sizes. This includes optimizing font sizes, button placements, and ensuring no elements are cut off or misplaced. Additional improvements will focus on addressing recommendations from the accessibility report, such as adding comprehensive alt text for all images and making further refinements to color contrast.

I also plan to add more content to enrich the website, including detailed project descriptions, new portfolio entries, and a section for professional insights or industry updates. Furthermore, I aim to incorporate custom, original, and contextually relevant images that better reflect the themes and goals of the website. These visuals will enhance the site's storytelling, provide visual appeal, and create a more personalized experience for users.

Lastly, restructuring and organizing project files for better maintainability will include grouping related assets, cleaning unused code, and ensuring clear documentation for future updates or collaboration.

These updates will ensure the website remains adaptable, accessible, content-rich, visually engaging, and easy to maintain as user expectations and project requirements evolve.

**Conclusion** This project has combined design principles and technical skills to produce a functional, user-friendly portfolio website. Despite challenges in cross-browser compatibility, design consistency, and time management, the result is a site that meets the needs of its target audience while adhering to accessibility and SEO standards. I look forward to integrating peer and professional feedback to further enhance the project in the future.

Appendix

A screenshot of a computer

Description automatically generatedSEO Report:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a test

Description automatically generatedAccessibility Report