**Design and Development of a Personal**

**Website Project**

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**Date : 8th December 2023**

**Introduction**

The website I have created serves as a professional resume, specifically tailored for clients looking for the services of a Medical Laboratory technician and a Web Developer.

**Audience**

The audience for this website primarily includes individuals or organizations seeking medical laboratory and web development services.

**Website**

The URL for the website is <https://mkatopola.github.io/wdd130/monteq/index.html>. The site is live on the internet and is hosted on <https://github.com>

**Goals/Objectives**

The primary objective of this website is to provide a comprehensive overview of my professional background and expertise. The goal is to showcase my unique journey from being a medical laboratory technician to becoming an online web development student, thereby highlighting my diverse skill set and adaptability. I intend to use my skills in web programming to helps spread health information through the internet and also create web applications and systems that will be useful in managing client health information.

**Design and Development Process**

The design process began with extensive research on the internet to understand the best practices for designing a resume website. A site plan and wireframes were created to visualize the structure and layout of the website.

The site plan contains the text of the website, images, colors, fonts and wireframes of all the three pages. The website was then developed using HTML and CSS, with a focus on creating a clean and professional look. The link to site plan is included at the footer of the home page and the two subpages, and opens to a new tab.

The website is formatted using a grid layout for a structured and organized appearance. Each page of the website contains more than two images to make the content more engaging and visually appealing. The images were properly optimized to ensure that they load faster and also ensuring that their quality is not compromised.

All the html documents and the css document for the website have been validated using the online html and css validators at <https://validator.w3.org/> and <https://jigsaw.w3.org/css-validator/> respectively, and they all passed without any errors and warnings.

The website consists of a home page and two sub-pages. The home page provides an introduction to my background as a medical laboratory technician and an online web development student. The first sub-page details my educational journey, including my medical school education and current web development studies. The second sub-page outlines my work experience as a medical laboratory technician.

The sticky navbar web component was included on the homepage and the two subpages to make the site more interactive, ensuring that visitors can navigate between the pages as smooth as possible, enhancing the user experience.

The finished website is somewhat different from the way I envisioned it, but it works all the same. I had to change the colors from my original design due to text-background issues, the number of images per page due to the amount of text paragraphs that I wanted to include on the website, and also the layout to ensure that there are enough white spaces for a professional looking design. All these changes were also updated on the site plan and the wireframes.

**Conclusion**

Completing this project has been a highly enriching experience. It has not only strengthened my web development skills but also taught me about personal branding and online presence. These skills will be extremely valuable in my future endeavors as a web developer, helping me to effectively showcase my skills and attract potential clients.