

Project: Plan and Develop a Portfolio Website

Diploma of Information Technology - Bootcamp Delivery Mode

Subject: INT1012 - Introduction to Web

by

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Background

- Welcome to my website!
- I am a scholar at Coder Academy based in Brisbane, Australia.
- My background is in animal health and biological science research.
- I am seeking to become a Web Developer & Information Technology (IT) professional.

Background continued.....

- Here, I have created my portfolio website which presents me as a developer and IT professional. This online portfolio provides information about me, my skills, interests, professional knowledge and a showcase of my work.
- The target audience for my portfolio website is an employer looking to engage a Web Developer and/or IT professional. I expect my future employer to have technical knowledge relating to IT i.e., software development/coding, programming languages and development stacks with high expectations of professionalism and a positive work ethic.

Project goals

- In this project, there are three major parts:
 - - Code
 - - Documentation
 - - Presentation

Code section

- Herein, I have:
- Implemented four HTML documents which link together and share a common theme, including components presenting my name and contact details; links to professional accounts in GitHub and LinkedIn; my work, study history and a link to my resume; content about me to demonstrate my personality, skills and interests; a list of blog posts with titles and date published, and a blog with placeholders and images.
- Created FOUR components which contain text content that are styled for my audience using written CSS to style each component and placed comments in the CSS and HTML code to identify each component. I used semantic HTML elements and attributes to add meaning and website accessibility.
- Created a responsive layout for each page using HTML and CSS utilising Flexbox to produce a responsive layout that displays all components at mobile, tablet and desktop viewport widths which includes a navigation header.
- Made sure that all components used valid HTML5 elements and semantic HTML elements and attributes to add meaning and accessibility.

Documentation summary

- This project is comprised of the following:
 - README document which includes a link to my published portfolio website, GitHub repository and presentation video on YouTube. It includes a description of my portfolio website, i.e., purpose, functionality / features, Sitemap, screenshots, target audience and Tech including html, CSS, and deployment platform.
- The Slide deck (this slide compilation)
 - I have presented the plan for my website and submitted my slides which will form the basis of my professional report.
- The presentation and associated with Slide deck include:
 - A walk-through of my portfolio website and its features
 - A walk-through of my design process and decisions
 - Review of development/build process including challenges, ethical issues and favourite parts

Presentation

- I have made a presentation utilising material on my Slide deck that is just under 8 minutes that I recorded and uploaded on YouTube : <https://youtu.be/RnjRSk47Nek>
- This project was submitted via Canvas as a single zip file named as SaulChemonges_T1A2.zip.

Deliverables

- A list of deliverables (which covers all the above requirements for this project) included in my submission has been made. Information is organised in a logical fashion under a sub-directory named `../term1` which contains:
 - - the location of the Zip file
 - - README.md compiled as a single markdown file in the Root folder of my zip file
 - - All files linked by the README.md file are included in a folder named `/docs`. All resources included in this folder are in png, pdf or markdown (md) format. The Slide deck of my presentation in pdf format is in a `/ppt` folder and the Source code for my entire project is located `/src` folder. All links to online material have corresponding screenshots included in my submission (where applicable).

Glossary

- Component - a component is a block of HTML code styled with CSS which may contain text, graphics or other content arranged aimed at a specific purpose(s), for example: a navigation bar is a component designed with the purpose of allowing a website to be navigated; a call-to-action component has text, a picture and a button with the purpose of calling the user to click on the button.
- Semantic HTML - or semantic markup is HTML that introduces meaning to the web page rather than just presentation. For example, a `<p>` tag indicates that the enclosed text is a paragraph. This is both semantic and presentational because people know what paragraphs are and browsers know how to display them.

Reference

- This material has been drawn largely from the learning material of Code Academy in the link below:
 - <https://ait.instructure.com/courses/4730/assignments/51567>



The end

- Questions?
- Insights?
- Feedback?

Thank You!