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CMPG323 – Virtual CV Documentation

Hosting

I hosted my website on GitHub Pages. By deploying my HTML, CSS, and JavaScript files to a hosting server, I can make my website accessible to users worldwide.

Innovation

I've implemented several innovative features in my code:

- Smooth Scrolling: By adding scroll-behavior: smooth; in my CSS, I enhance the user experience with smooth transitions when navigating through the site.
- Animations: Using CSS animations like fadeIn and JavaScript to trigger these animations when sections come into view adds a dynamic and engaging element to my website.

Web Technologies

My code utilizes essential web technologies:

- HTML: Structures my content with semantic tags, making it easy to read and maintain.
- CSS: Styles my website, providing a visually appealing layout with colours, fonts, and animations.
- JavaScript: Adds interactivity, such as form validation and animations triggered by scrolling.

Compatibility

I've ensured compatibility across different browsers and devices:

- Responsive Design: Using CSS media queries, I adapted the layout for various screen sizes, ensuring a consistent experience on desktops, tablets, and smartphones.
- Cross-Browser Testing: By using standard HTML, CSS, and JavaScript, I ensured my website works well on major browsers like Chrome, Firefox, Safari, and Edge.

Navigation

My navigation is well-structured and user-friendly:

- Semantic HTML: Using <nav>, <ul>, <li>, and <a> tags, I created an accessible navigation menu.
- Sticky Header: The position: sticky; property in my CSS keeps the navigation bar at the top of the page, making it easy for users to navigate.
- Smooth Scrolling: Enhances the user experience by providing smooth transitions between sections.