CMPG323 Deliverable 1

Mohau Liphoko

42524547

Personal Virtual CV Documentation

Table of Contents

Overview………………………………………………………………………3

Technologies used……………………………………………………………3

Features……………………………………………………………………….3

Conclusion…………………………………………………………………….5

**Overview**

This personal website CV serves as a professional online portfolio for myself, Mohau Liphoko, showcasing my skills, work experience, and contact information. Built using HTML, CSS, and JavaScript, the site offers a user-friendly, responsive interface that adapts seamlessly to various screen sizes. A Google Sheet integration is used to capture and store messages from the contact form, providing an efficient way to manage communication and the data is dynamically fetched and displayed on the website hosted using GitHub Pages.

**Technologies Used**

* **HTML**: Provides the structure and content of the website.
* **CSS**: Handles the styling and layout, ensuring a visually appealing and responsive design.
* **JavaScript**: Adds interactivity, particularly in tab navigation and the responsive menu.
* **Google Sheets**: Collects and stores messages submitted via the contact form.

**Features**

1. **Navigation Menu**:
   * A fixed, responsive navigation bar that includes links to different sections of the site: Home, About, Skills, Work Experience, and Contact.
   * A mobile-friendly menu that appears as a sidebar when the screen width is below 600px.
2. **Smooth Scrolling**:
   * The scroll-behaviour: smooth CSS property is used to ensure a smooth scroll experience when navigating through the sections.
3. **Header Section**:
   * Contains a welcoming message and a brief introduction, with a large, prominent title.
4. **About Me Section**:
   * Includes a photo on the left and a detailed description on the right, aligned seamlessly to ensure a balanced layout.
5. **Skills Section**:
   * Displays technical skills categorized into Frontend, Backend, Tools, and Soft Skills.
   * Skill levels are visually represented with progress bars.
6. **Work Experience Section**:
   * Lists previous job roles and responsibilities in a clean, easy-to-read format.
7. **Contact Section**:
   * Provides contact details, including email, phone number, and social media links.
   * A contact form that allows visitors to send messages directly from the website.
8. **Google Sheets Integration**:
   * The contact form is connected to a Google Sheet to capture, and store submitted messages. This integration is managed via a Google Apps Script.

**Conclusion**

This personal website CV effectively combines modern web technologies to create a professional, responsive, and interactive online portfolio. It not only showcases my skills and experience but also provides a seamless user experience and an efficient way to manage communications via Google Sheets integration. The use of HTML, CSS, and JavaScript ensures a robust and maintainable codebase, while the careful design choices and functionality enhancements make this website a strong representation of a professional online presence.