**Responsive and Accessible Website Example Featuring JavaScript-like CSS Solutions for Mobile Navigation**

As a web developer, showcasing your skills through real projects is one of the best ways to demonstrate your expertise. I developed a single-page portfolio website dedicated to the renowned marine painter Ivan Aivazovsky. This project not only reflects my technical expertise in CSS and HTML but also highlights my understanding of crafting accessible, responsive, and visually appealing websites. Here's a closer look at the key features of the page.

**Responsive Design**

In today's digital landscape, responsiveness is essential. This website adapts seamlessly to different screen sizes, from desktops to tablets and mobile devices. I implemented a breakpoint at @media (max-width: 480px) to ensure a smooth transition across devices.

To enhance mobile navigation, I created a minimalist burger menu using only CSS, showcasing my ability to choose between JavaScript and HTML/CSS solutions for optimal flexibility.

**Accessibility as a Priority**

Web accessibility is not just a technical requirement—it’s a commitment to inclusivity. I integrated area labels, semantic HTML5 elements, and text alternatives for images and icons, ensuring that the site is accessible for screen readers.

To maximize accessibility, I utilized the Lighthouse extension in Google Chrome. Lighthouse is a popular tool that analyzes websites for performance, accessibility, SEO, and best practices, providing actionable insights to improve the user experience.

**Optimized Performance**

To improve loading times and reduce bandwidth usage, all images are served in the modern WebP format. Additionally, the website employs an SVG sprite for social media icons, reducing redundant code and enhancing performance.

**Modular CSS Architecture**

The CSS is thoughtfully organized into modular files, making the codebase easy to maintain and scalable for future updates. I utilized variables to centralize key style properties, ensuring a consistent design throughout the website.

**Clear Sections and Smooth Scrolling**

The content is structured into clearly defined sections. Smooth scrolling enhances navigation, creating a user-friendly browsing experience. The main sections include:

* Home: A brief overview of his life and significance.
* About: A detailed biography.
* History: Insights into his birthplace and historical context.
* Portfolio: A gallery of his most iconic works.
* Contacts: Links to external resources and social media profiles.

**Room for Improvement**

While the website is already a strong demonstration of my skills, there’s always room for improvement. Potential updates could include:

* Adding light and dark mode functionality.
* Expanding the portfolio section with interactive features.
* Better SEO optimization.

**Explore the Live Demo**

I invite you to explore the live demo and review the code. Be sure to check out both the desktop and mobile versions to see how the site adapts to different devices.

[Visit the Live Demo](https://sergeip85.github.io/artportfolio/)

#WebDevelopment #FrontendDevelopment #Accessibility #CSS #SVG