

Advanced Responsive Footer with Dynamic and Interactive Features

This project implements a responsive, visually appealing footer designed to enhance user experience and accessibility across devices. Using HTML, CSS, and JavaScript, the footer incorporates multiple functional and interactive elements to align with modern website standards.

Key Features and Technologies:

- **Semantic HTML Structure:**
 - The footer consists of distinct sections, including Company Info, Quick Links, Social Media Icons, Newsletter Signup, and Latest Blog Post, organized into a multi-column layout that adapts to various screen sizes.
 - HTML semantic elements ensure accessibility and provide a logical structure for screen readers.
- **CSS Styling and Responsiveness:**
 - Custom CSS variables allow for easy theming, with light and dark mode options that can be toggled by the user. The theme toggle button switches the theme while maintaining consistent color transitions for an optimal user experience.
 - Media queries adapt the layout to screen sizes below 768px, where the footer transforms into a collapsible accordion format for space efficiency and enhanced usability on mobile devices.
 - Hover animations provide subtle scaling effects on links, social icons, and interactive elements to improve visual feedback for users.
- **JavaScript Interactivity:**
 - A "Back to Top" button becomes visible upon scrolling, allowing users to navigate back to the top of the page smoothly. The button's visibility is optimized with debounce functionality for efficient performance.
 - JavaScript dynamically displays the current year and last updated date, enhancing footer relevance and reducing manual updates.
 - Accordion functionality is implemented for mobile views, allowing sections like Company Info, Quick Links, and others to expand and collapse. This ensures a clean and organized layout, with automatic display adjustments when resizing between mobile and desktop views.

This footer exemplifies a user-focused design, incorporating dynamic features and responsiveness with streamlined code for a professional, interactive experience across modern web platforms.