

Sravan Travel Blog - Project Documentation

Project Overview

Sravan's Travel Blog is a travel blog website designed to share travel experiences, advice, and destination guides. This project features a vibrant and user-friendly design to enhance reader engagement while showcasing captivating travel stories.

Project Live Link

<https://sravantravelblog.netlify.app/>

Technologies Used

- **HTML:** for structuring the content of the website
- **CSS:** for styling and enhancing the website's appearance
- **Media Queries:** for responsive design to adapt to various screen sizes

Features

Header Section

- Includes a title, introduction, and background video with a fallback background image.
- Animated title color using texclip and gradient for a linear color-changing effect.

Navigation Menu

- Clear navigation links with dropdown support for blogs.
- Interactive hover effects for the links.
- Smooth scroll behavior for navigation between sections.

Dark/Light Theme Toggle (Integrated Beyond Assignment Requirements)

- Theme toggle using an input checkbox hidden by default.
- Label toggle switch displays "Dark" and "Light" mode text based on the selected theme.

- Theme styles update for all major sections, including background, text, and navigation.

Blog Section

- Grid layout for structured design with equal spacing between blogs.
- Images and embedded videos for each blog with smooth hover effects.

About Me Section

- Personal introduction and the purpose behind the blog.
- Highlights travel goals and tech-based ideas.

Contact Section

- Contact form for users to get in touch.
- Social media links with interactive icons.

Newsletter Subscription (Integrated Beyond Assignment Requirements)

- Form to subscribe to travel updates.

Footer Section

- Copyright information and additional navigation links.
- Button for navigating to the top of the page.

Folder Structure

PravanTravelBlog/

— index.html	# Main HTML file
— index.css	# Stylesheet
— images/	# Folder for images
— videos/	# Folder for background and blog videos
— fonts/	# Folder for custom fonts

Design Choices

Color Palette

- **Light Mode:** Light and pastel shades for a clean and inviting look.
- **Dark Mode:** Dark grey and white shades for a modern look.

Font Selection

- Used custom fonts: **Futura Bold** for titles and a lighter font for the rest of the page.

Layout Techniques

- **CSS Grid** and **Flexbox** for structured and responsive design.

Interactive Elements

- Hover effects on navigation links and blog images, blogs
- Video backgrounds and embedded media for dynamic content.

Animations

- Smooth scaling effects and hover interactions.

Responsiveness

- Used media queries to ensure responsiveness across various screen sizes.
- By default, CSS styles are applied for mobile devices.
- Added media queries for:
 - **min-width: 768px** for tablets
 - **min-width: 1024px** for large screens
- Styled font sizes, gaps, and grid layouts for blogs and etc accordingly.

Challenges Faced

Responsive Design

- **Challenge:** Ensuring that all sections adapt seamlessly across screen sizes.
- **Solution:** Used CSS Grid, Flexbox, and media queries.

Dropdown Menu Challenge

- **Challenge:** Properly displaying the dropdown submenu on hover.
- **Solution:** Placed the submenu within the Blogs nav list item and used `position: absolute; top: 100%` in CSS.

Dark/Light Theme Implementation

- **Challenge:** Controlling the theme and changing background and text colors for every section.
- **Solution:** Implemented a checkbox label and used the CSS selector `:has(input:checked)` to handle color and background changes for all sections.

Screenshots

(screenshots of the project is in project-screenshots folder)

