**Personal Portfolio Website Documentation**

**Project Overview**

This project is a personal portfolio website designed to showcase a software engineer's skills, experience, and projects. The website features a modern, responsive design with a dynamic color scheme and light/dark mode toggle.

**Key Features**

1. Single-page application (SPA) design
2. Responsive layout for various screen sizes
3. Dynamic typing animation for profession description
4. Light and dark mode toggle
5. Color scheme switcher
6. Sections for About, Services, Portfolio, and Contact

File Structure

**project-root/**

**│**

**├── index.html**

**├── style.css**

**├── style-switcher.css**

**├── script.js**

**├── style-switcher.js**

**├── images/**

**│ └── hero.png**

**└── colors/**

**├── color-1.css**

**├── color-2.css**

**├── color-3.css**

**├── color-4.css**

**└── color-5.css**

**HTML Structure (index.html)**

The HTML file defines the structure of the single-page application, including:

* Sidebar navigation
* Main content sections (Home, About, Services, Portfolio, Contact)
* Style switcher

**Styling (style.css, style-switcher.css)**

* style.css: Main stylesheet for the website layout and design
* style-switcher.css: Styles for the theme color switcher and day/night toggle

Key styling features:

* Flexbox layout for responsive design
* CSS variables for easy theme switching
* Media queries for different screen sizes

**JavaScript Functionality (script.js, style-switcher.js)**

* script.js: Handles main website functionality
  + Typing animation
  + Section switching
  + Responsive navigation
* style-switcher.js: Manages theme switching
  + Color scheme selection
  + Light/dark mode toggle