

Personal Portfolio Website

A modern, responsive personal portfolio website built with HTML, CSS, and JavaScript. This project showcases web development skills through an interactive and visually appealing design.

☀️ Features

Core Requirements

- **Home Page:** Eye-catching landing page with hero section, profile picture, and navigation
- **About Page:** Detailed information about education, work experience, and hobbies
- **Projects Page:** Interactive project gallery with hover effects and project details
- **Contact Page:** Functional contact form with real-time validation
- **Responsive Design:** Optimized for desktop, tablet, and mobile devices
- **Smooth Navigation:** Seamless scrolling between sections with active link highlighting
- **Resume Download:** Direct link to downloadable PDF resume

Advanced Features

- **Interactive Elements:** Hover effects, animations, and dynamic user interactions
- **Form Validation:** Client-side validation with real-time feedback
- **Mobile Navigation:** Hamburger menu for mobile devices
- **Loading Animations:** Smooth transitions and loading states
- **Typewriter Effect:** Animated text in hero section
- **Parallax Scrolling:** Subtle parallax effects for enhanced visual appeal
- **Modal Popups:** Success/error notifications

- **Skill Progress Bars:** Animated skill level indicators
- **Social Media Integration:** Links to professional profiles
- **Easter Eggs:** Hidden interactive elements for fun

Project Structure

```
portfolio-website/  
├── index.html    # Main HTML file  
├── styles.css    # Complete CSS styling  
├── script.js     # JavaScript functionality  
├── resume.pdf    # Your resume (add your own)  
└── README.md    # This documentation file
```

Technologies Used

- **HTML5:** Semantic markup and structure
- **CSS3:** Advanced styling with Flexbox, Grid, and animations
- **JavaScript (ES6+):** Interactive functionality and DOM manipulation
- **Font Awesome:** Icons for enhanced UI
- **Google Fonts:** Typography (automatically loaded)

Getting Started

Prerequisites

- A modern web browser (Chrome, Firefox, Safari, Edge)
- Basic text editor or IDE
- Web server (optional, for local development)

Installation

1. Download the files

```
bash

# If using Git
git clone [your-repository-url]

# Or download as ZIP and extract
```

2. Add your resume

- Replace `resume.pdf` with your actual resume file
- Keep the same filename or update the link in `index.html`

3. Customize content

- Update personal information in `index.html`
- Replace profile picture URL with your own image
- Modify project details, skills, and contact information
- Update social media links

4. Open the website

- Double-click `index.html` to open in browser
- Or use a local server for better performance:

```
bash
```

```
# Using Python  
python -m http.server 8000
```

```
# Using Node.js  
npx serve .
```

```
# Using PHP  
php -S localhost:8000
```





Responsive Breakpoints

- **Desktop:** 1200px and above
- **Tablet:** 768px to 1199px
- **Mobile:** Below 768px
- **Small Mobile:** Below 480px

Customization Guide

Changing Colors

The color scheme uses CSS custom properties. Main colors:

- **Primary:**  #3498db (Blue)
- **Secondary:**  #2c3e50 (Dark Blue)
- **Accent:**  #e74c3c (Red)
- **Background:**  #f8f9fa (Light Gray)

Adding New Projects

1. Duplicate a project card in the HTML

2. Update the image, title, description, and technologies
3. Add appropriate links to live demo and GitHub

Modifying Sections

- Each section has an ID for navigation
- Update both HTML content and navigation links
- Maintain consistent styling classes

Design Features

Animations

- **Fade-in effects:** Elements animate as they enter viewport
- **Hover animations:** Interactive feedback on buttons and cards
- **Loading animations:** Smooth transitions during form submission
- **Typewriter effect:** Animated text in hero section

Interactive Elements

- **Navigation:** Active link highlighting and smooth scrolling
- **Contact Form:** Real-time validation with error messaging
- **Project Cards:** Hover overlays with project links
- **Mobile Menu:** Animated hamburger navigation

Form Validation Rules

Name Field

- Required field

- Minimum 2 characters
- Real-time validation on blur

Email Field

- Required field
- Valid email format using regex
- Real-time validation on input




Subject Field

- Required field
- Minimum 5 characters
- Character count feedback

Message Field

- Required field
- Minimum 10 characters
- Textarea with resize capability

Browser Support

- **Chrome:**  70+
- **Firefox:**  65+
- **Safari:**  12+
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