Personal Portfolio Website

Project Details

Project Title: Personal Portfolio Website
Technologies: HTML, CSS, React.js, React Router, Framer Motion
Developer: Aryan Sengar
Platform: Web
GitHub Repository: https://github.com/aryansengar007/my-portfolio-v1

Deployed On: Netlify (URL : https://aryan-sengar-portfolio.netlify.app/)

Introduction

The Personal Portfolio Website is a responsive, modern single-page application that showcases my skills, projects, education and contact details. Built using React.js, deployed on Netlify, and styled with CSS, this website reflects my technical background and creative interests while enabling visitors to view my work, resume, and reach out via a contact form.

Problem Statement

In today's competitive tech landscape, having an online presence is crucial for personal branding. Static resumes lack interactivity and flexibility. This project aims to solve that by creating a dynamic and interactive personal portfolio website that:
- Presents professional and academic information in a structured way
- Offers real-time navigation without page reloads
- Integrates project showcases with links to GitHub
- Enables visitors to connect via a contact form

Key Observations

- React.js enables seamless single-page application routing and modular component design
- Framer Motion provides smooth page transitions for a modern UI experience
- A well-structured portfolio strengthens online presence and professionalism
- Embedding direct links to resume, GitHub, LinkedIn.

Challenges / Doubts

- Ensuring smooth transitions between pages using Framer Motion and React Router
- Designing a layout that looks clean on all screen sizes (mobile responsiveness)
- Configuring form submissions securely with Formspree
- Integrating multiple sections (about, projects, skills, contact) in a unified experience

Libraries Used

React.js - Building UI components and structure
React Router DOM - Navigation without page reloads
Framer Motion - Page transition animations
Formspree - Handling contact form submissions

Functions Explained

- Hero.js — Landing page section with photo, introduction, and links to resume & social media
- About.js — Contains a personal introduction, interests, certifications, and goals
- Projects.js — Displays list of projects with descriptions, tech stacks, and GitHub links
- Skills.js — Categorized skill list across languages, concepts, and tools
- Education.js — Academic background with timelines and institutions
- Contact.js — Functional form allowing visitors to send messages directly

Main Components

- index.html — HTML skeleton
- App.js — Main entry point with routes and component logic
- Navbar.js — Navigation bar across all sections
- Component Files: Hero, About, Projects, Education, Skills, Contact
- CSS Files: app.css, index.css for styling

Future Improvements

- Add theme toggle (light/dark mode)
- Integrate blog section or updates feed
- Add a download PDF feature for resume and project reports
- Enhance accessibility with better ARIA tags and keyboard navigation
- Deployed on Netlify; may migrate to a custom domain in future

Conclusion

The Personal Portfolio Website is a modern and scalable solution to professionally showcase my profile, achievements, and projects. It is a dynamic representation of both my frontend skills and backend understanding of user interaction and component-based design. This project serves as a central hub for my digital presence and demonstrates my capability to build real-world applications from scratch.