

Digital Portfolio

Name: S.Sathiya

Register No/NM ID: asanm121anm12124214071

Department: Bsc.Computer science

College: immaculate college for women

project Title

Student portfolio

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Problem Statement

In the digital era, students need a professional online presence to showcase their academic background, technical skills, and projects. Traditional resumes are static and lack interactivity, making it harder to highlight creativity and technical expertise. A portfolio website solves this problem by serving as an interactive, accessible, and customizable platform for personal branding.

Project overview

This project is a personal portfolio website for a Computer Science student. It presents information such as personal introduction, education, skills, projects, and a contact form. The website is designed with a modern, clean layout and responsive design to work across devices. The goal is to provide recruiters, teachers, and peers with a centralized platform to view the student's profile and projects.

End users

Students to showcase their achievements and projects.

Peers & Teachers to collaborate or review academic work.

Recruiters/Employers to quickly evaluate the candidate's skills and portfolio.

Tools and technologies

Frontend Development:

HTML5

CSS3 (with responsive design using media queries)

Design & Hosting Tools (optional):

Figma/Canva (for design prototyping)

Portfolio design and layout

Sidebar Navigation: A fixed vertical menu with quick links to each section.

Content Sections:

About Me - profile image and introduction.

Education - academic background with years.

Skills - grid layout of technical skills.

Projects - interactive cards with links to GitHub repositories.

Features and Functionality

Smooth Scrolling Navigation
sidebar links scroll to sections.

Active Section Highlighting
highlights the menu item of the section in view.

Interactive Project Cards - hover
animations and clickable project links.

Contact Form with Alert - allows users to submit messages with instant feedback.

Results and screen shot

Results:

The website provides a structured and professional portfolio for the student.

Recruiters can quickly access skills and projects

The design is light weight, responsive, and users

Screen shot

slide bar on the left with navigation links
center content area showing about me with profile picture

Conclusion

The student portfolio website successfully achieve its goals of showcasing academic achievement technical skills, and projects in a professional manner. It acts as personal branding tool for career development and networking. With further enhancements such as backend integration for the content form.

Github link

<https://github.com/sathyasi2007-netizen/Sathiya-TNSDC-FWD-DP.git>