Digital Portfolio

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STUDENT PORTFOLIO

AGENDA

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PROBLEM STATEMENT

Students often face challenges in presenting their skills, projects, and achievements in a structured and professional way. Traditional resumes and text-based documents do not always reflect creativity or technical ability. To overcome this, there is a need for a personal online portfolio that provides a clear introduction, showcases projects, and allows easy contact.

This project aims to create a Student Portfolio Website that introduces the student, displays an “About Me” section with a profile photo, lists important projects (such as a calculator, web development work, and an error detector) in a neat layout, and provides a simple contact form with details like name, email, and phone number. The portfolio also includes navigation elements like a “View My Work” button and a footer, ensuring a complete professional presentation.

PROJECT OVERVIEW

The Student Portfolio Website is a personal web-based project designed to showcase the profile, skills, and projects of a student in an interactive and professional manner. The website acts as a digital resume, highlighting key areas such as introduction, personal details, academic projects, and contact information.

The portfolio begins with a greeting section that introduces the student with a short statement and a “View My Work” button for easy navigation. The About Me section contains a profile photo and a short description of the student.

The Projects section displays three highlighted works — Simple Calculator, Web Development, and Error Detector — arranged neatly in horizontal boxes to give a clear overview of technical abilities.

The Contact section provides structured input boxes containing the student’s name, email, and contact number, along with a Send button to simulate interaction. Finally, the portfolio includes a footer for completeness and professional appearance.

TOOLS AND TECHNIQUES

◇ **Tools Used**

CodePen – Online IDE for writing, testing, and showcasing HTML, CSS, and JavaScript code.

Web Browser (Chrome/Edge/Firefox) – To run and test the portfolio website.

Image Hosting (ibb.co) – Used to store and embed the profile photo in the portfolio.

Text Editor (VS Code / Sublime / Notepad++) – Alternative local environment for editing code (optional).

WHO ARE THE END USERS?

Recruiters / Employers

To quickly review the student's profile, skills, and projects during job or internship applications.

College Faculty / Mentors

To evaluate the student's progress, project work, and presentation skills for academic purposes.

Peers / Classmates

To get inspiration or collaborate on similar projects and ideas.

General Visitors

Anyone who wants to know about the student's background, skills, and contact information.

◇ **Technologies & Techniques Used**

HTML5 – To design the structure of the portfolio (sections like About, Projects, Contact, Footer).

CSS3 – For styling, layout, responsiveness, colors, and hover effects.

JavaScript (ES6) – To add interactivity (e.g., handling the Send button and form submission alert).

Responsive Web Design – Ensuring the layout works across devices (desktop, tablet, mobile).

UI/UX Design Principles – Used to maintain clean navigation, visual hierarchy, and user-friendly interaction.

Form Handling (Basic JS) – For validating/simulating message submission in the Contact section.

PORTFOLIO DESIGN AND LAYOUT

Header Section
Contains a greeting message (“Hello, I’m Sanjay”), a short description, and a “View My Work” button for quick navigation.
Background color and large typography highlight the introduction.

About Me Section
Displays a profile photo in circular shape along with a one-line description about the student.
Positioned below the header for natural reading flow.
Provides direct details for communication.

Projects Section
Includes a heading (“Projects”) followed by three project boxes (Simple Calculator, Web Development, Error Detector).
Boxes are arranged horizontally on large screens and adjust responsively for smaller devices.
Each project box has hover effects for interactivity.

Contact Section
A clean form with labeled input boxes (Name, Email, Contact Number) and a Send button.

FEATURES AND FUNCTIONALITY

Features
Introduction Section – Displays a welcome message (“Hello, I’m Sanjay”) with a short tagline and a “View My Work” button for smooth navigation.

About Me Section – Contains a profile photo (from hosted link) and a short description of the student.

Projects Section – Highlights three projects (Simple Calculator, Web Development, Error Detector) inside neat horizontal boxes.

Contact Section – Provides input boxes with student details (Name, Email, Contact Number) and a Send button for message submission.

Footer Section – Includes a closing note with copyright and credits.
Responsive Design – The layout adjusts to desktop, tablet, and mobile screen sizes.

Navigation – The “View My Work” button takes the user directly to the projects section.

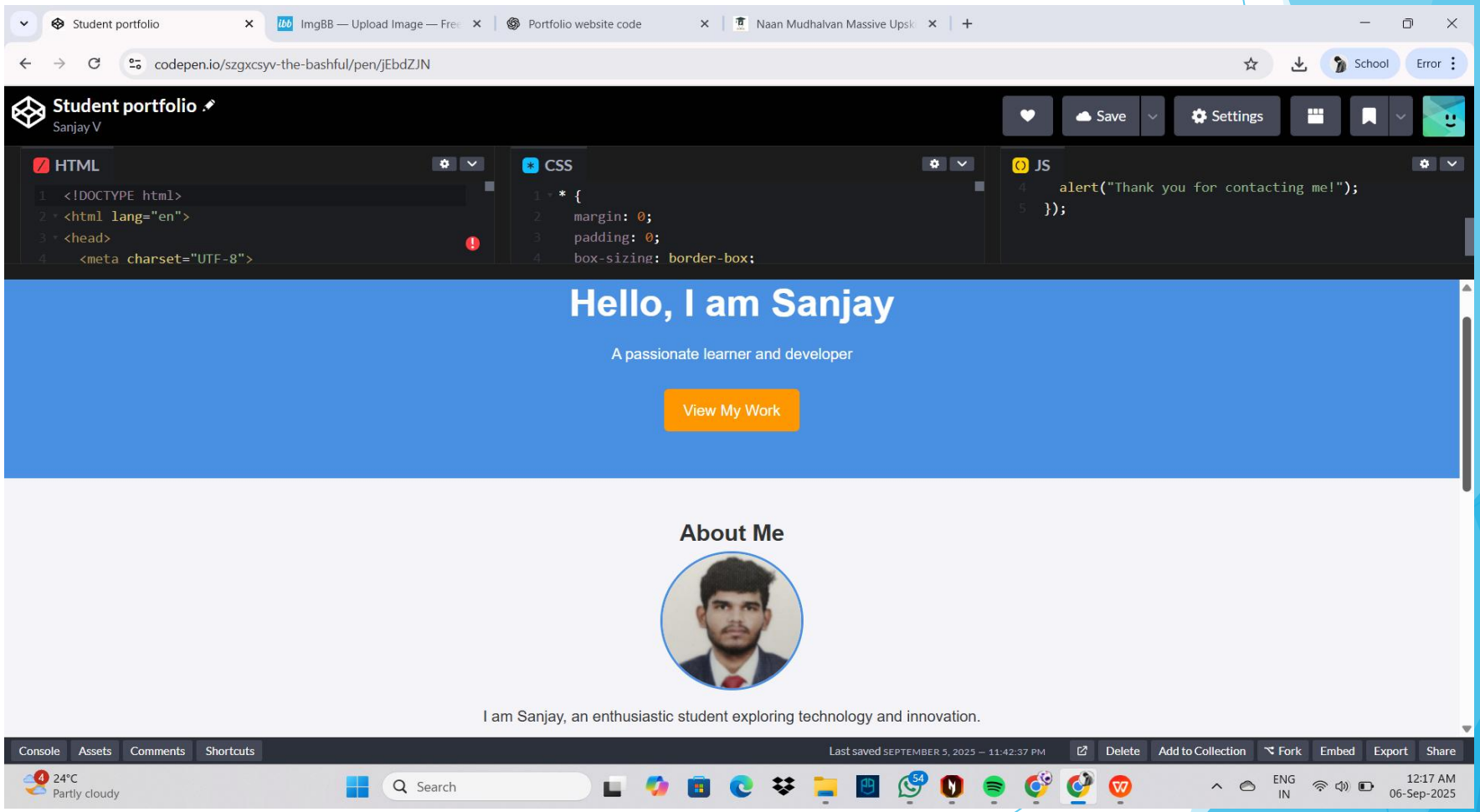
Interactive Projects Display – Each project box highlights on hover, giving a dynamic look

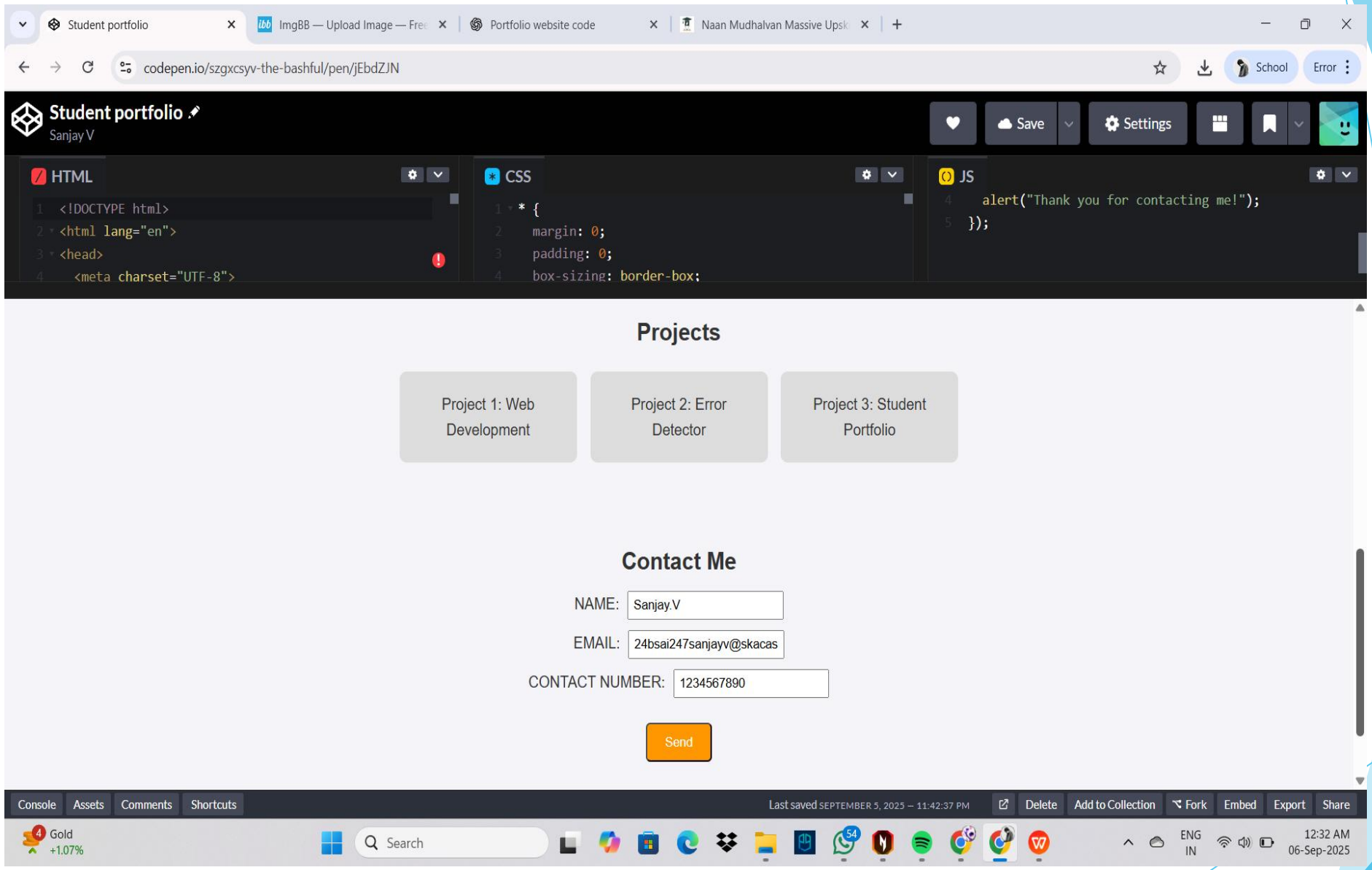
Contact Form – Allows users to enter or view student’s contact information and submit (with JavaScript alert confirmation).

Hover & Transition Effects – Buttons and project boxes respond with animations when hovered.

User-Friendly Layout – Simple vertical flow ensures information is read step by step (Intro → About → Projects → Contact → Footer).

RESULTS AND SCREENSHOTS




Student portfolio
ImgBB — Upload Image — Fre
Portfolio website code
Naan Mudhalvan Massive Upsk
codepen.io/szgxcsyv-the-bashful/pen/jEbdZJN
School
Error
Student portfolio
Sanjay V
Save
Settings
HTML
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
CSS
* {
margin: 0;
padding: 0;
box-sizing: border-box;
JS
alert("Thank you for contacting me!");
});
Projects
Project 1: Web Development
Project 2: Error Detector
Project 3: Student Portfolio
Contact Me
NAME: Sanjay.V
EMAIL: 24bsai247sanjayv@skacas
CONTACT NUMBER: 1234567890
Send
Console
Assets
Comments
Shortcuts
Last saved SEPTEMBER 5, 2025 – 11:42:37 PM
Delete
Add to Collection
Fork
Embed
Export
Share
Gold
+1.07%
Search
ENG
IN
12:32 AM
06-Sep-2025

CONCLUSION

The Student Portfolio Website was created to provide a simple yet effective platform for showcasing a student's personal details, projects, and contact information. By dividing the content into structured sections such as Introduction, About Me, Projects, Contact, and Footer, the website ensures that visitors can easily understand and navigate through the portfolio.

The project demonstrates the integration of HTML, CSS, and JavaScript to design, style, and add interactivity to a web page. HTML was used for building the structure, CSS for providing an attractive and responsive layout, and JavaScript for adding basic functionality such as handling the send button in the contact form. This combination makes the portfolio both visually appealing and functional.

The portfolio also highlights the importance of maintaining a digital identity in today's world, where students are expected to showcase their skills and work beyond traditional resumes. It serves as a professional online presence that can be shared with recruiters, faculty, and peers, allowing them to easily view the student's projects and achievements.

In conclusion, the project successfully meets its objective of creating a personalized and professional portfolio website. It not only reflects technical knowledge but also encourages further creativity and improvement. Future enhancements such as adding live project links, animations, or a dark mode can make the portfolio even more engaging and useful.

Furthermore, this project has provided valuable hands-on experience in web development by applying theoretical knowledge into a practical outcome. It enhanced understanding of design principles, coding practices, and user-focused development, which are essential skills for future academic and professional growth. The Student Portfolio Website not only acts as a representation of personal skills but also stands as a milestone project that can be continuously improved and expanded.