



# STUDENT PORTFOLIO

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## Annamalai University



# Project Title

student online portfolio

# PROBLEM STATEMENT



A program (like in C, Java, Python) to store and display student details?

Or a student statement (like a declaration/personal statement for a portfolio or application)?

Or a student program with explanation + output statement?



# PROJECT OVERVIEW

The Student Online Portal System is a web-based application that enables students, teachers, and administrators to manage academic activities digitally. It replaces manual record-keeping with an online platform that provides secure access to essential academic information such as attendance, assignments, results, and announcements.



# WHO ARE THE END USERS?

## 1. Students

Can log in to view their profile, courses, timetable, and results.

Submit assignments and check grades.

Access notices, announcements, and study materials.

## 2. Teachers / Faculty Members

Upload study materials, assignments, and notices.

Record and update student attendance.

Upload marks/grades for exams and assignments.

Communicate with students via portal announcements.

## 3. Administrators (School/College Management)

Manage user accounts (students & teachers).

Oversee the entire system (data security, updates, backups).

Generate reports (attendance, performance, results).

Handle role permissions (who can access what).

# TOOLS AND TECHNIQUES



The Student Online Portal System is developed using web technologies like HTML, CSS, and JavaScript for the frontend and PHP/Node.js/Python for the backend. A MySQL database is used to store student details such as attendance, marks, and login credentials.

The project applies techniques like modular programming, CRUD operations (Create, Read, Update, Delete), authentication & authorization for secure login, and responsive design to ensure compatibility across devices. Testing techniques such as unit testing and integration testing are used to verify the reliability of the system.

# POTFOLIO DESIGN AND LAYOUT



The Student Portfolio is designed with a clean, professional, and responsive layout to showcase a student's profile, skills, and achievements. It typically includes:

Homepage: Introduction with name, photo, and navigation menu.

About Section: Academic details and career goals.

Skills Section: Display of technical and soft skills using lists or progress bars.

Projects Section: Card-based layout for project descriptions with links.

Achievements/Certifications: Highlighting awards and certifications.

Contact Section: Form and links to email, LinkedIn, and GitHub.

The layout uses HTML, CSS, and JavaScript with simple typography, a consistent color scheme, and responsive design (works on mobile and desktop).

# FEATURES AND FUNCTIONALITY

The Student Online Portfolio is a personal website that highlights a student's skills, achievements, and projects. Its key features and functionalities include:

Homepage: Introduction with name, photo, and navigation menu.

About Section: Academic background, career goals, and personal details.

Skills Section: Display of technical and soft skills.

Projects Section: Showcasing completed projects with descriptions, images, or links.

Achievements/Certifications: Highlighting awards and credentials.

Contact Section: Contact form and links to social media or professional profiles (LinkedIn, GitHub, Email).

Responsive Design: Works smoothly on desktop, tablet, and mobile devices.

Download Option: Resume/CV download feature (optional).



# Result and screen shot



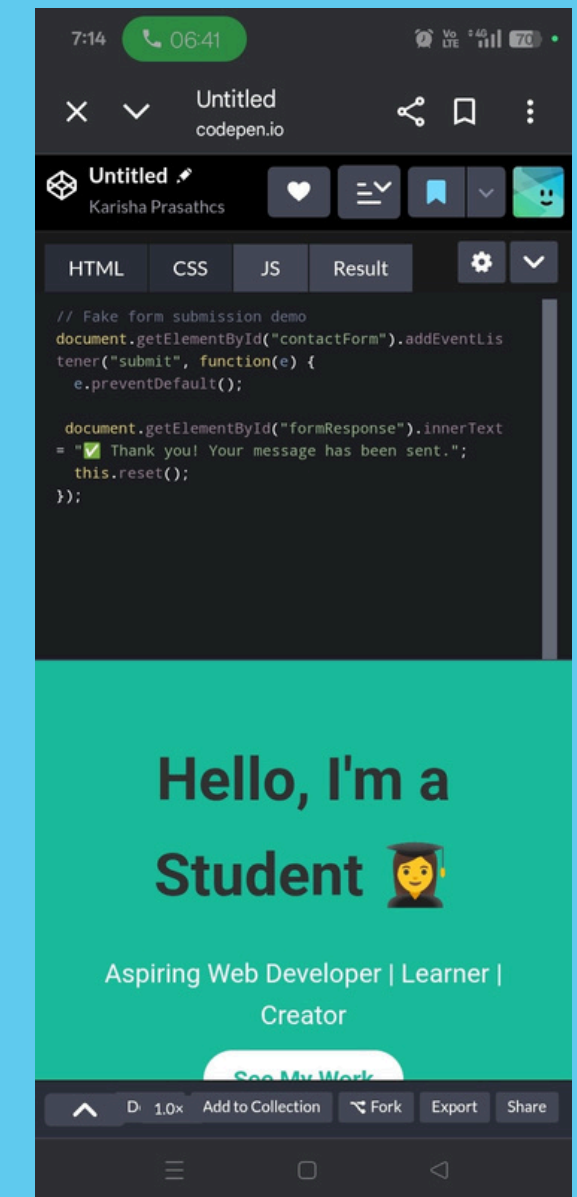
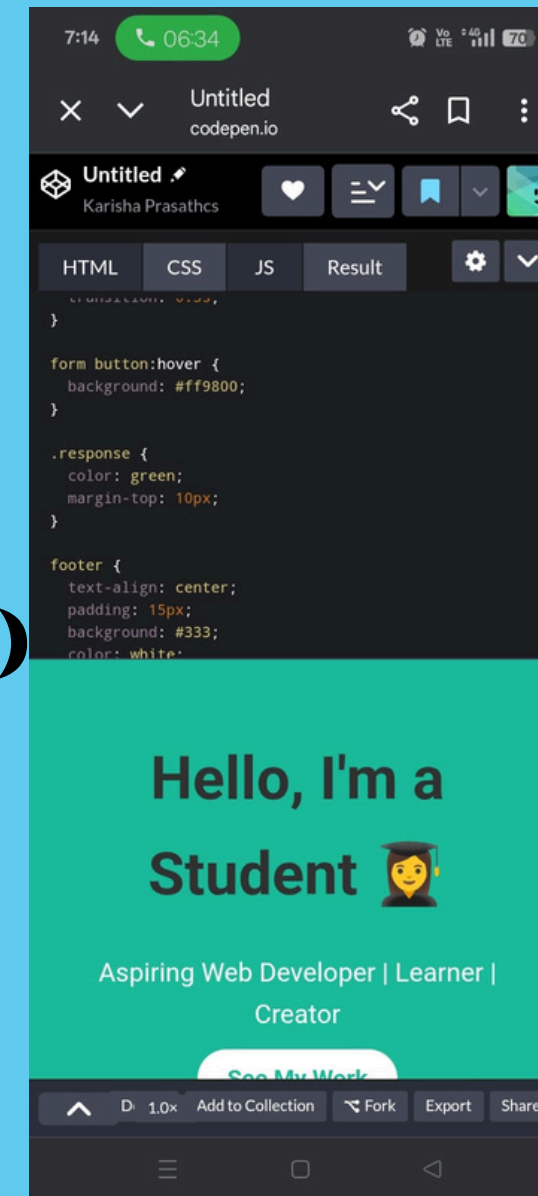
**before (before building the HTML, CSS, JavaScript)**



The Student Online Portfolio project successfully creates a personal digital profile for students. It allows them to present their academic background, skills, projects, and achievements in an organized and professional manner.

# result and screen shot

after ( after implementing HTML,CSS,Java script )



# CONCLUSION

The Student Online Portfolio provides a digital platform for students to present their academic background, skills, projects, and achievements in a professional way. It helps students build an online presence, showcase their work to teachers, recruiters, and peers, and improve career opportunities. The portfolio is easy to share, responsive, and customizable, making it an effective tool for personal branding and career growth.

# Conclusion

[https://github.com/karishaprasathcs-dev/karishaprasathcs24\\_dp.git](https://github.com/karishaprasathcs-dev/karishaprasathcs24_dp.git)