

Digital portfolio

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DEPARTMENT : Bachelor of computer application

COLLEGE: COLLEGE/UNIVERSITY

A decorative border surrounds the entire page, featuring a variety of black line-art flowers and leaves in shades of purple, pink, and white. The design includes roses, daisies, and smaller leafy branches.

PROJECT TITLE

Digital portfolio

AGENDA

- 1.problem statement
- 2.project overview
- 3.End users
- 4.Tools and technique
- 5.Protfolio design and layout
- 6.Features and functionality
- 7.Results and screenshot
- 8.conclusion
- 9.Githib link



PROBLEM STATEMENT

Many students struggle to access study materials quickly. Currently, resources are scattered across multiple platforms, making learning less effective. There is a need for a centralized, user-friendly digital platform.

Energy wastage due to unmonitored usage is a major issue in households. Lack of real-time monitoring systems leads to higher electricity bills. A smart monitoring solution can reduce wastage and promote energy efficiency.

PROJECT OVERVIEW

Title: Smart Study Hub

Domain: Web Development

Overview: This project focuses on developing a centralized digital platform where students can access study materials, notes, and quizzes in one place. It addresses the issue of scattered resources and provides a user-friendly solution for effective learning.

Title: Smart Energy Monitoring System

Domain: Internet of Things (IoT)

Overview: The project aims to design a real-time energy monitoring system to reduce power wastage in households. Using IoT sensors, it tracks energy consumption and provides alerts, helping users save electricity and reduce costs.

END USERS

Students & Learners – Can use GPT for personalized learning, instant doubt solving, and summarizing study materials.

Teachers & Educators – Helpful for creating question banks, lesson plans, and interactive learning content.

Businesses & Startups – Can automate customer support, content creation, and report generation.

TOOLS AND TECHNIQUE

Programming Languages: HTML, CSS, JavaScript (for frontend)

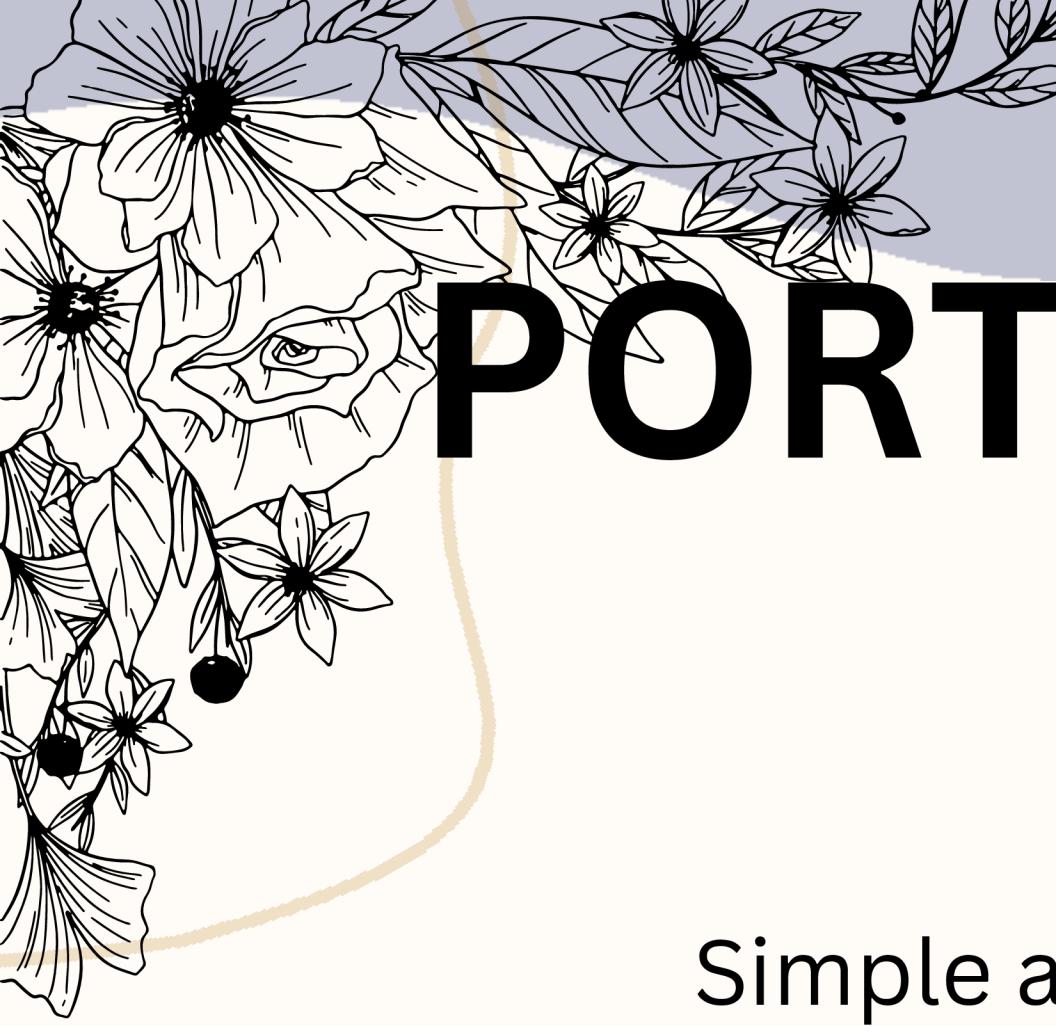
Frameworks / Libraries: Bootstrap, React (if used)

Database Tools: MySQL / MongoDB

Version Control: Git & GitHub

Design Tools: Figma / Canva (for UI design, PPT creation)

IDE / Editors: Visual Studio Code



PORTFOLIO DESIGN AND LAYOUT



Simple and Professional UI – Clean fonts, minimal colors

Consistent Theme – Same style across all pages/slides

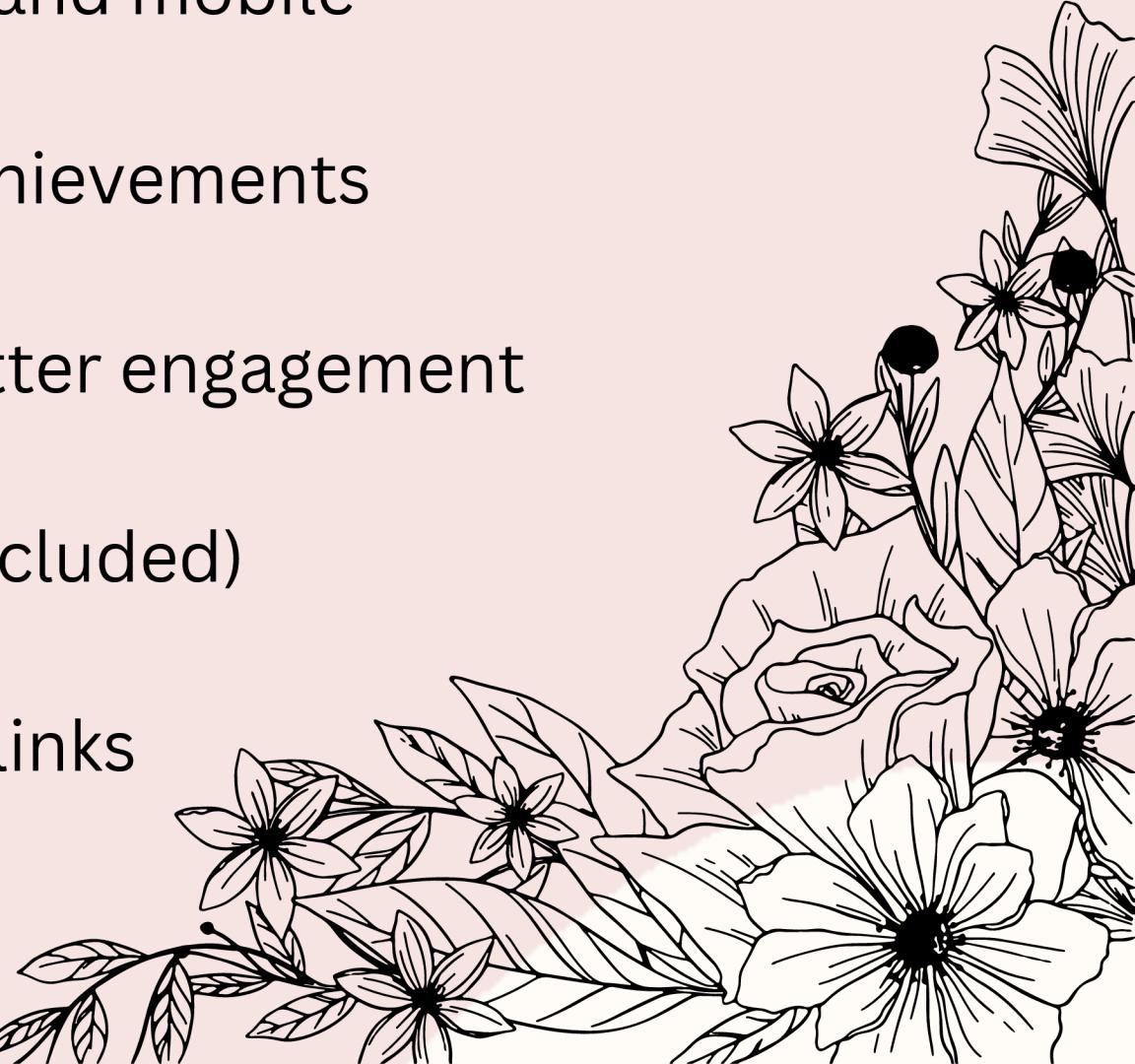
User-Friendly Navigation – Easy access to sections (Home, About, Projects, Contact)

Visual Balance – Proper spacing, alignment, and color contrast

Responsive Design – Works well on desktop, tablet, and mobile



FEATURES AND FUNCTIONALITY



User-Friendly Interface – Simple and clean navigation

Responsive Design – Works smoothly on desktop, tablet, and mobile

Personalized Sections – About Me, Skills, Projects, and Achievements

Interactive Elements – Buttons, links, and hover effects for better engagement

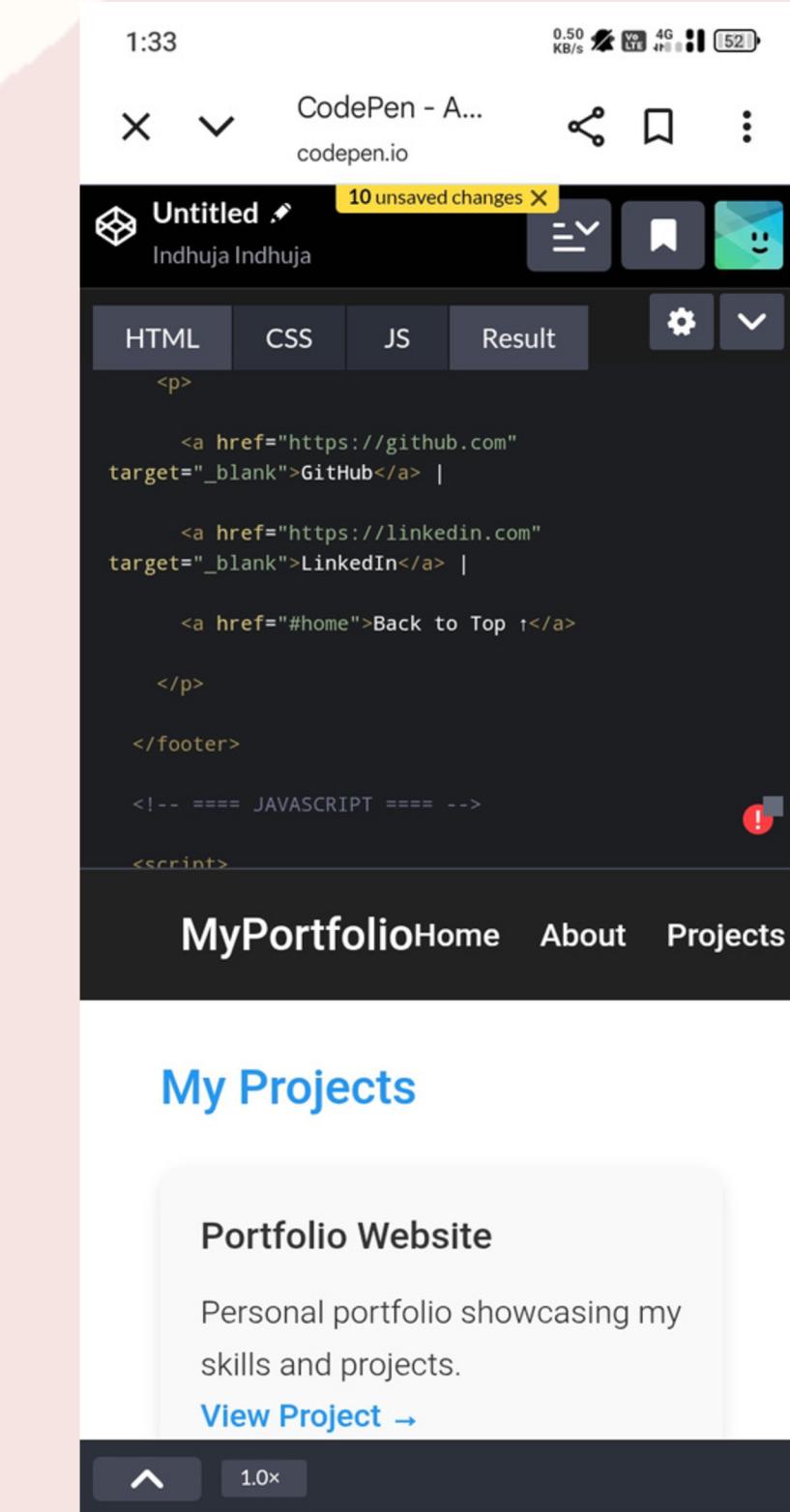
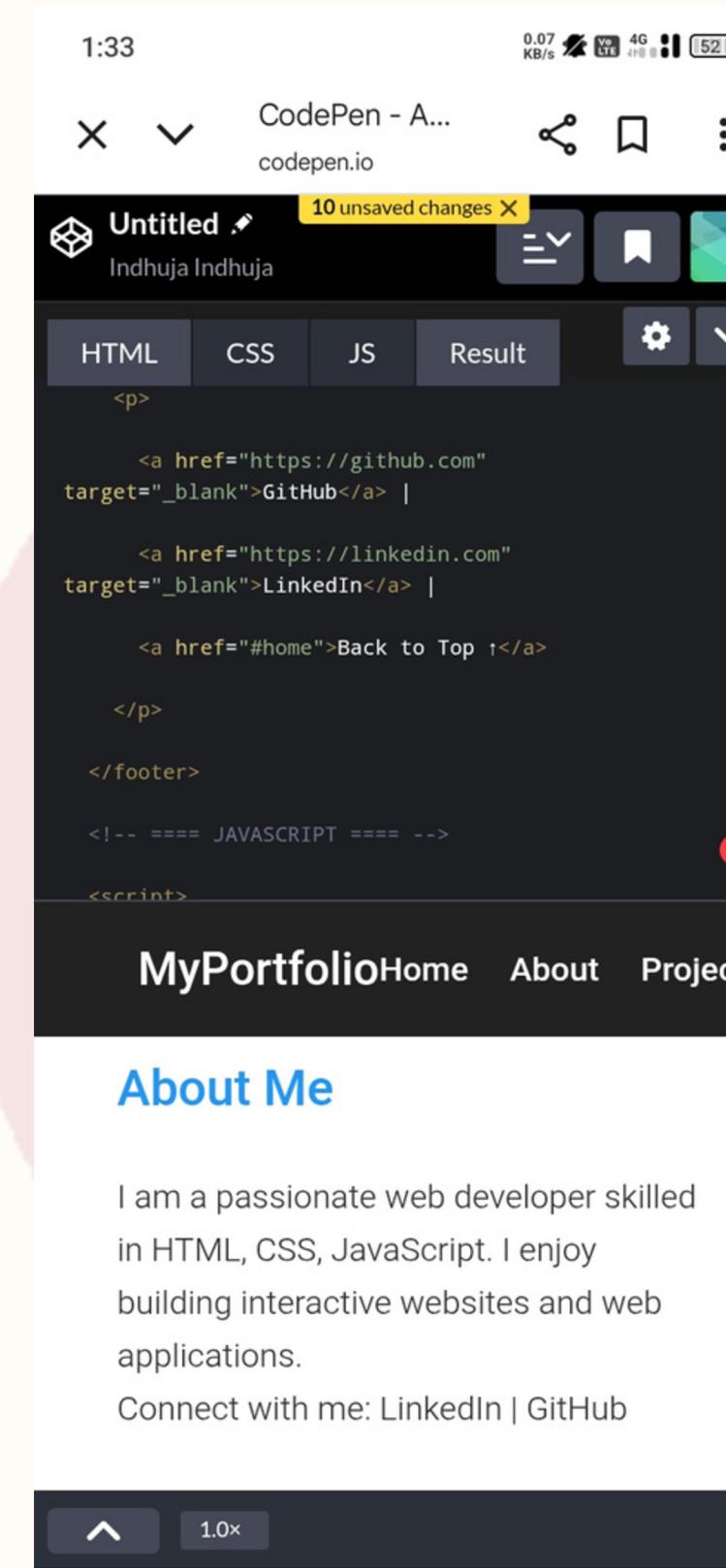
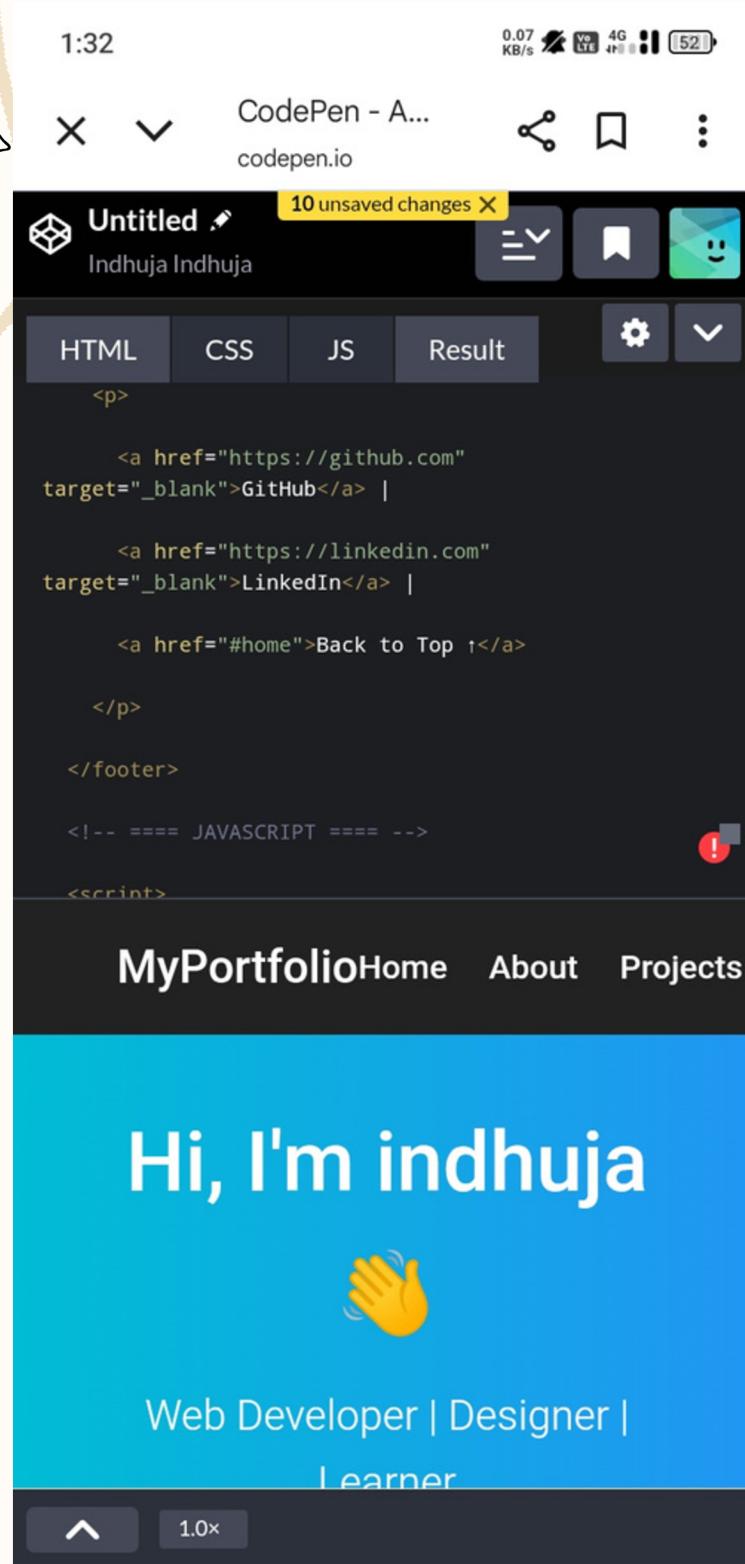
Search & Filter – Easy access to required content (if included)

Social Media Integration – LinkedIn, GitHub, Email links

RESULT

- Successfully developed and deployed the project as per requirements
- ✓ Improved understanding of tools & techniques (mention specific ones you used)
- ✓ Enhanced problem-solving, teamwork, and digital skills
- ✓ Achieved project objectives within the given timeframe
- ✓ Benefited end users by providing [state key feature/value of your project]

SCREENSHOT



CONCLUSION

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