Digital Portfolio

STUDENT NAME: Harshetha S P
REGISTER NO AND NMID: 2428M0013,
A117B91B11FE53BA91D418D064BCF910
DEPARTMENT: BSc Data Science
COLLEGE: Kumaraguru college of Liberal Arts and Science

PROJECT TITLE

Digital Portfolio using Front-End Web Development (HTML, CSS & JavaScript)

AGENDA

1.Problem Statement
2.Project Overview
3.End Users
4.Tools and Technologies
5.Portfolio design and Layout
6.Features and Functionality
7.Results and Screenshots
8.Conclusion
9.Github Link

PROBLEM STATEMENT

Traditional resumes are static and often fail to capture personality, creativity, and interactivity. Recruiters and collaborators prefer quick, engaging ways to learn about a candidate's skills and projects. This project addresses the need for a personal, responsive, and interactive portfolio website that can be accessed from any device.

PROJECT OVERVIEW

The project is a digital portfolio website designed and developed by me using HTML for structure, CSS for styling, and JavaScript for interactivity. It includes multiple sections such as an about me section, education background, project showcase, skills & tools, hobbies, and contact information. The portfolio features dynamic components such as a light/dark theme toggle, hover animations, and clickable project cards to make the experience interactive.

WHO ARE THE END USERS?

The primary users of this portfolio are recruiters who want to quickly evaluate my skills and projects, collaborators who may want to connect with me for research, hackathons, or dance-related events, and followers who are interested in exploring my creative and technical work.
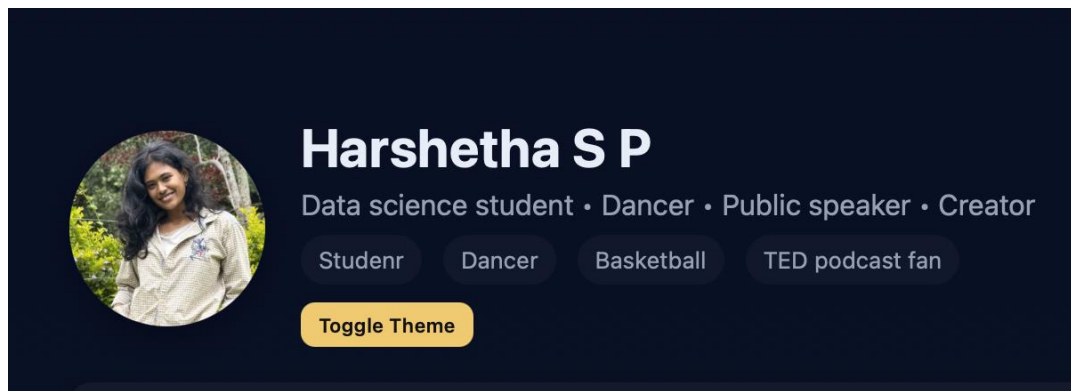
TOOLS AND TECHNIQUES

The portfolio is developed using **HTML5, CSS3, and JavaScript (ES6)**. Techniques like responsive design using Flexbox and CSS Grid ensure that the layout adapts to different screen sizes. JavaScript DOM manipulation and event handling power the interactive features such as skill highlighting and project details popups. Development tools such as VS Code and browser developer tools were used for coding and debugging.

PORTFOLIO DESIGN AND LAYOUT

The layout is clean and minimalistic with a dark theme by default. The header contains my profile picture, name, and a theme toggle button. The main section presents my about me, education, projects, and skills in card-based layouts. The sidebar contains contact details and quick links for easy navigation. The footer includes copyright information. The entire design is responsive and adapts to mobile and desktop screens.
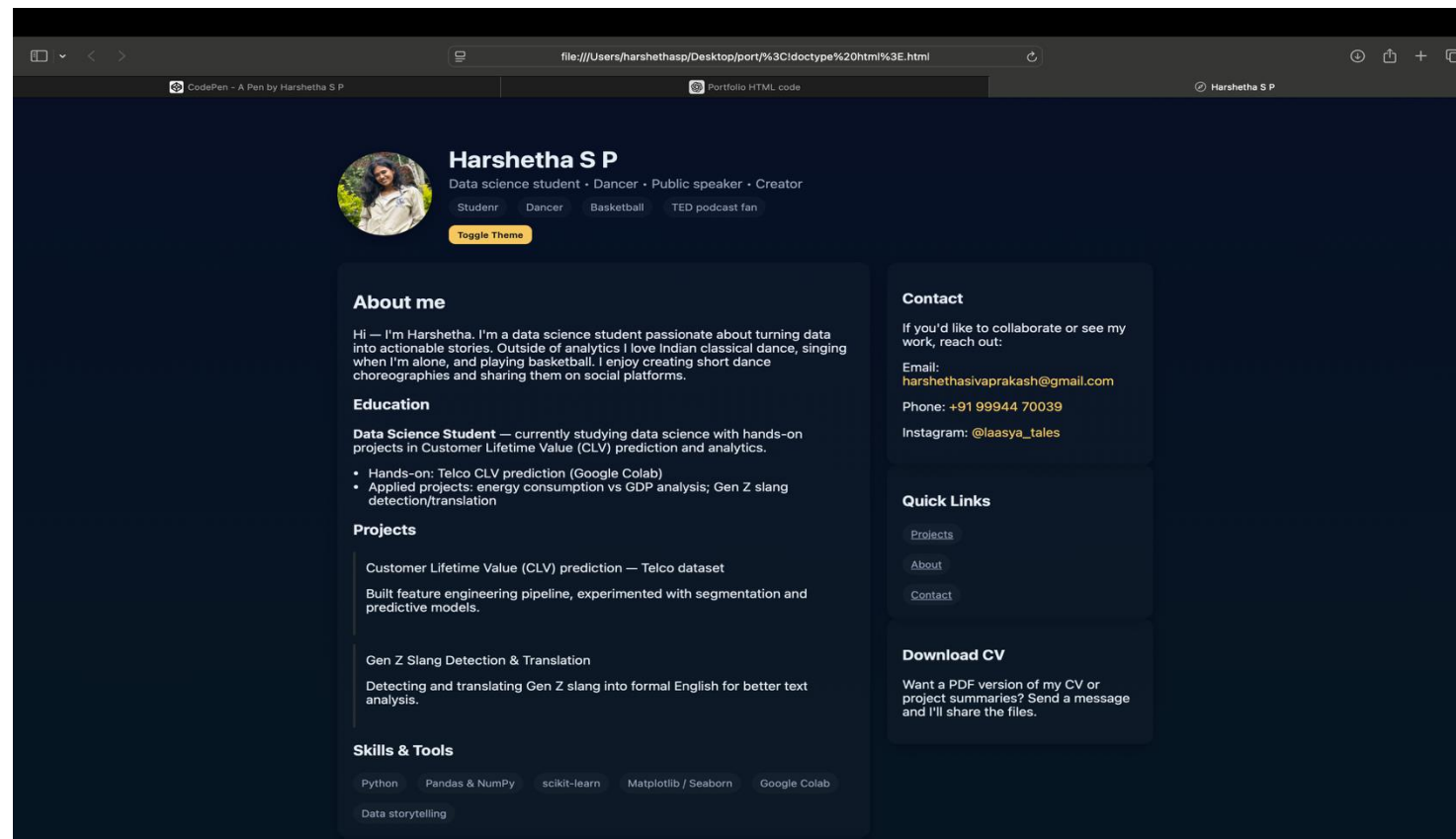
FEATURES AND FUNCTIONALITY

The portfolio includes a profile picture display, a light/dark mode theme toggle, interactive project cards that display details on click, and skill chips that highlight when clicked. Smooth hover effects and animations make the experience more engaging.

Harshetha S P
Data science student • Dancer • Public speaker • Creator

Studenr   Dancer   Basketball   TED podcast fan

Toggle Theme

RESULTS AND SCREENSHOTS

The final outcome is a fully functional, visually appealing, and interactive digital portfolio. It works seamlessly on different devices, provides a professional yet personal representation of my work, and can be easily updated with new projects and achievements.

CONCLUSION

This project demonstrates my ability to apply front-end web development skills in a practical way. It successfully addresses the problem of static resumes by providing a more interactive and engaging format. In the future, I can enhance this portfolio by adding a blog section, a contact form with email integration, and more advanced animations for an even richer experience.