

DIGITAL PORTFOLIO

- **STUDENT :Jhansirani.S**
- **REGISTER NO AND NMID : autunml703212405441**
- **DEPARTMENT : BCA**
- **COLLEGE : AKSHEYAA COLLEGE OF ARTS AND SCIENCE,
UNIVERSITY OF MADRAS.**

P R O J E C T T I T L E

INTERACTIVE DIGITAL PORTFOLIO USING HTML, CSS & JAVASCRIPT

AGENTA

1. Problem Statement
2. Project Overview
3. End users
4. Tools and Technologies
5. Portfolio design and layout
6. Features and Functionalities
7. Results and Screenshots
8. Conclusion
9. GitHub link

PROBLEM

STATEMENT

- Static resumes do not provide an interactive experience for viewers and often fail to highlight technical skills in a creative way. Using HTML, CSS and JavaScript, a student portfolio can be designed as a responsive and interactive web page that showcases personal details, education, skills, soft skills, and resume download. This approach solves the problem of limited traditional resumes by creating a dynamic, user-friendly, and accessible one that reflects both technical and presentation skills.

project overview

The project “ Interactive Digital Portfolio using HTML, CSS and Java Script “ web - based application design to showcase personal and academic information India structured interactive format.

The portfolio consists of the following coded components :

- HTML – Provides the structure of the portfolio (header, navigation, about, education, skills, resume section).
- CSS – Enhances the design with colours, layouts, rounded borders, and their responsive look using a purple theme.
- JavaScript – adds interactivity, such as smooth scrolling when clicking on navigation links.

This portfolio highlight the student's About Me, Education, Skills, Soft skills and Resume Download option in user friendly digital format. The project demonstrates how front – end technologies can be applied to create a professional, interactive portfolio website.

Who are the end users?

End Users

The interactive “Digital Portfolio” developed using HTML, CSS, and JavaScript is mainly intention for :

1. **Students & Job Seekers** – To present their education, skills, and achievements in a professional, interactive format instead of a static resume.
2. **Recruiters & Employers** – To easily view a candidate’s profile, skills, and resume download option in a structured and attractive web page.
3. **Faculty / Academic Evaluators** – To assesses the student’s technical knowledge, coding ability, and creative in building a digital portfolio.
4. **Peers & General Audience** – To view and get inspired by the portfolio design, content, and coding approach.

Tools and techniques:

Tools Used

1. Visual Studio Code (VS Code)- Code editor for writing on testing HTML, CSS, and JavaScript.
2. Web Browser (Chrome/Edge/FireFox) - To run and test the portfolio website.
3. PowerPoint – For presenting the project details.

Techniques Applied in Code

1. HTML – used for structuring sections like header,, navigation, about, education, skills, and resume.
2. CSS – applied for styling, adding back background colors (purple theme), rounded borders, Shadows, and layout adjustments.
3. JavaScript – implemented smooth scrolling effect for interactive navigation between sections.
4. Responsive Design – used flexible styling (like object-fit, border – radius, box- Shadow) to make the site user- friendly and visually appealing.

PORTFOLIO DESIGN AND LAYOUT

Design Elements (from CSS code) :

- **Purple Theme** : Backgrounds styled with background – colour : #8a1994 (header) and #d73bf (body).
- **Rounded Corners & Shadows** : border-radius and box-shadow used for sections to give a card- like effect .
- **Typography** : font-family : Arial, sans-serif for a clean and modern look.
- **Profile Section** : Header contains name, role, and an optional profile picture with border-radius : 75%.

Layout (from HTML structure) :

- **Header** : Contains Name & Title ("Student").
- **Navigation Bar** : Links to sections (About, Education, Skills, Soft Skills, Resume).
- **Section Layouts** : Each section (<section>) holds specific content inside. Section – content with padding and margins.
- **Resume Section** : Include a Download CV option (Download CV).
- **Footer** : Displays copyright.
- **Smooth scrolling effect when clicking navigation links**(window. scrollTo ({behaviour : ' smooth '})).

FEATURES AND FUNCTIONALITIES

Features (What it offers)

1. **Personalized Portfolio** – Displays student details (About me, Education, Skills, Soft skills).
2. **Purple-Themed UI** – Attractive and modern color scheme (#8a1994, #fd73bf).
3. **Resume Download Option** – Provides a link (Download CV to access the CV.
4. **Responsive Sections** – Each section is styled (. Section-content) with rounded corners and shadows for readability.
5. **Navigation Bar** – Easy access to different sections of the portfolio.

Functionalities (How it works)

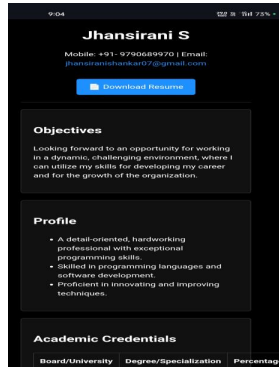
1. **Smooth Scrolling** – implemented in JavaScript for seamless navigation between sections.
2. **Profile Picture option** - circular design created with border-radius : 75% and object-fit : cover.
3. **Interactive Links** – Navigation links ()scroll to respective sections dynamically.
4. **Hover Effect on Buttons** – Resume download button styled with hover (.section – content) with rounded corners and shadows for readability.
5. **Navigation Bar** – easy access to different sections of the portfolio.

RESULTS AND SCREENSHOTS

Results

- The portfolio displaces personal details, education, skills, and resume download option.
- the recent follows your **purple theme** with a clean, modern layout.
- smooth scrolling and over effects that implemented to improve interactivity.
- The final output is a user – friendly, responsive , and professional portfolio website that can be replace a static resume.

Screenshot



Conclusion

The project “**Interactive Digital Portfolio using HTML, CSS & JavaScript** “ successfully demonstrates how front-end Web Technologies can be used to create a dynamic and professional portfolio.

- it provides an **interactive alternate** to traditional resumes.
- the portfolio effectively highlights personal details, education, and resume download option in a User-friendly manner.
- the use of **HTML for structure, CSS styling, and JavaScript for interactivity** makes the project both technically sound and visually obtaining happily appealing.
- This project showcases the student’s **creativity, technical knowledge, and presentation skills**, making it a valuable tool for academic and career opportunities.