

DIGITAL PORTFOLIO

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

**INTERACTIVE DIGITAL PORTFOLIO
USING HTML, CSS & JAVASCRIPT**

AGENTA

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STATEMENT

- Static resumes do not provide an interactive experience for viewers and often fail to highlight technical skills India creative way. Using HTML, CSS and JavaScript, a student portfolio can be designed as a responsive and interactive web page that show cases personal details education skills soft skills and resume download. This approach solve the problem of Limited traditional resume by creating ya dynamic , user friendly , and accessible 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 in a 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 highlights the student's About Me, Education, Skills, Soft skills and Resume Download option in a 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 #fd73bf (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)

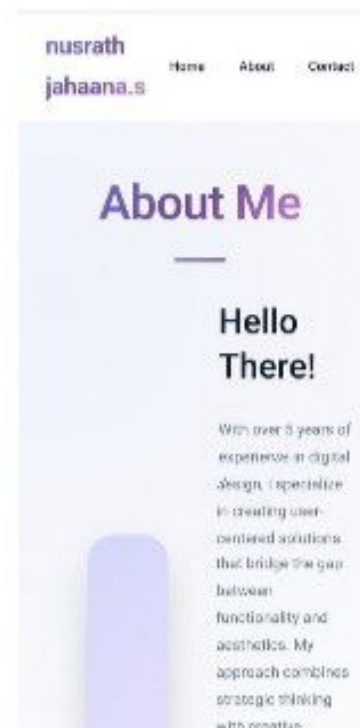
1. **Smooth Scrolling** – implemented in JavaScript for seamless navigation between sections.
2. **Profile Picture option** - circular design created with border-radius : 75% and object-fit : cover.
3. **Interactive Links** – Navigation links ()scroll to respective sections dynamically.
4. **Hover Effect 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 displace 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 intractivity.
- Thee final output is a user – friendly, responsive , and professional portfolio website that can be replace a static resume.

Screenshot



Conclusion

How front-end web technologies can be used to create a dynamic and professional portfolio.

- it provides and **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 show cases the student's **creativity, technical knowledge, and presentation skills.**