

# DIGITAL PORTFOLIO

- **STUDENT : B. ASWINI**
- **REGISTER NO AND NMID : asunm1703222410143**
- **DEPARTMENT : B.SC COMPUTER SCIENCE**
- **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

# 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.



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 #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 (<a href =“resume. jpg”> Download CV </a>).
- **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 (<a href="resume.jpg">Download CV</a> 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)

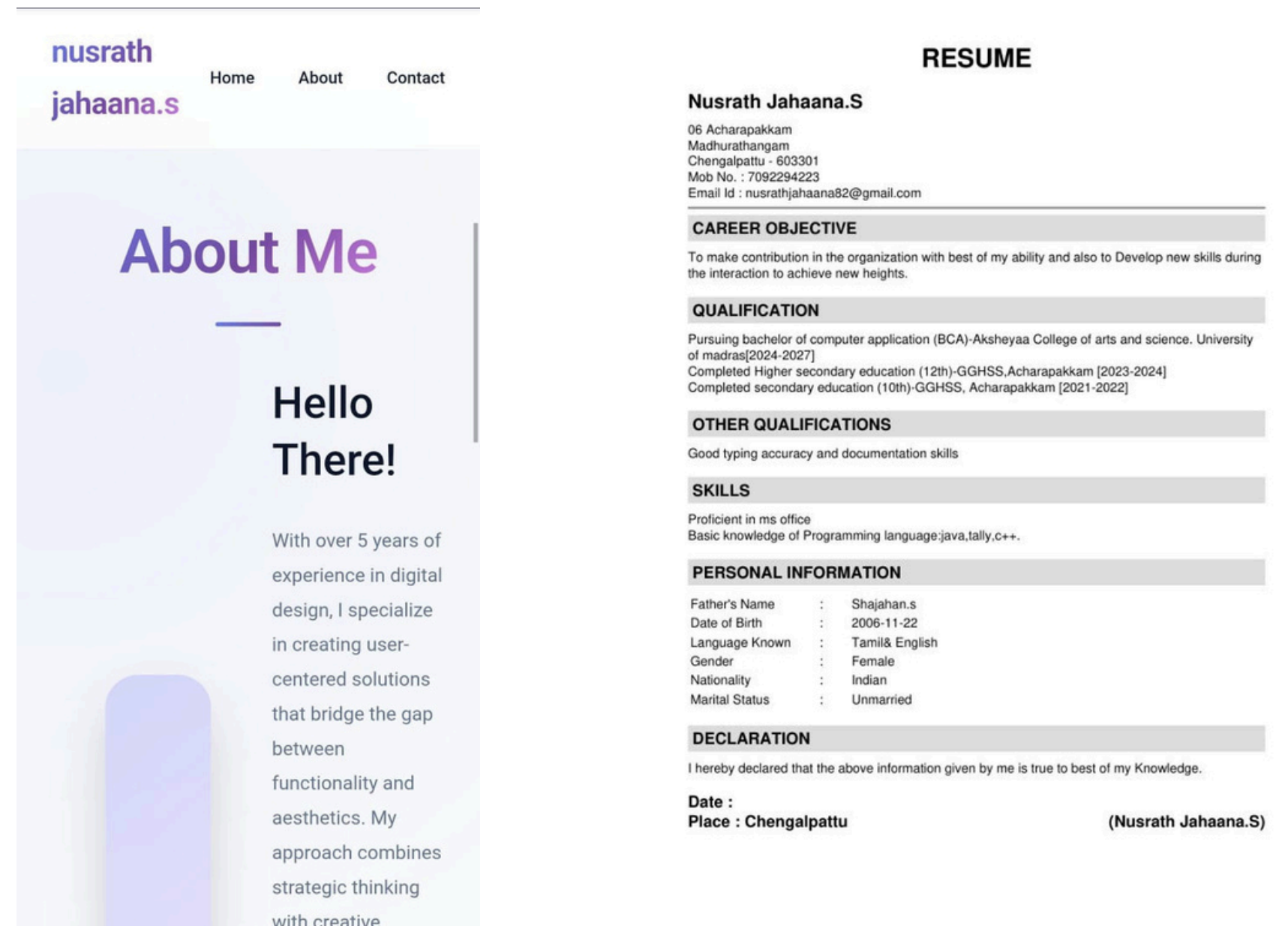
1. **Smooth Scrolling** – implemented in JavaScript for seamless navigation between sections.
2. **Profile Picture option** - circular design created with border-radius : 75% and object-fit : cover.
3. **Interactive Links** – Navigation links (<a href="#section">)scroll to respective sections dynamically.
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 displays 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

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.**