ABOUT ME

- **NAME**: RAGAVI R

- **REGISTER NO AND NMID**: 24131061805222020 /

    8429A44A7E958C4A54B4298D0B71841E

- **DEPARTMENT**: B.Sc. Data Science

- **COLLEGE**: SHREE RAGHAVENDRA ARTS AND SCIENCE

    COLLEGE,

    KEEZHAMOONGILADI,

    CHIDAMBARAM – 608 102.

DIGITAL PORTFOLIO

AGENDA

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

PROBLEM STATEMENT:

- As an aspiring web developer and data science student, you need a personal portfolio to present your professional profile online. This project aims to design and develop a responsive, visually appealing, and interactive single-page portfolio website. The site must highlight your personal introduction, skills, projects, and provide a contact form for visitors to get in touch.

PROJECT OVERVIEW:

- 📌 **Project Name**:

  Ragavi – Personal Portfolio Website

- 📔 **Description**:

  A clean, responsive, and modern personal portfolio website for showcasing skills, projects, and contact information. Built using only HTML and CSS, it serves as a digital resume for aspiring learner Web Developer and Data Science student Ragavi.

END USER:

- **The end user is**:

- Anyone who visits Ragavi's portfolio website to learn about her, view her projects, and potentially contact her.

- **This could include**:

  * Potential employers or recruiters

  * Teachers or professors

  * Peers or collaborators

  * Friends or family

  * General visitors interested in her work

TOOLS:

- 🔧 **Developer Tools & Platform**:
- These are tools or environments the developer (Ragavi) is skilled in, and also referenced in the skills section with logos:

1. C++
2. Java
3. Python
4. VS Code (Visual Studio Code – code editor)
5. GitHub (for version control and hosting repositories)

TECHNOLOGY:

- 🧰 **Technologies Used**:

1. HTML5:

  * Used for structuring the content of the web page.

2. CSS3:

  * Used for styling the content.

3. JavaScript:

  * A small script is used for smooth scrolling behaviour when navigation links are clicked.

PORTFOLIO DESIGN & LAYOUT:

- 🎨 **Design & Layout Techniques**:

- 1. Flexbox:

- Used in the header and hero sections for aligning elements (display: flex).

- 2. CSS Grid:

- Used in .project-grid and .skills-grid for responsive card layouts.

- 3. Responsive Design:

- The meta viewport tag ensures the site is mobile-friendly

- 4. Transitions and Hover Effects:

- Smooth scaling animations for project and skill cards.

FEATURES:

🌍 **General Structure & Styling:**

* Responsive Design:

Uses viewport meta tag and CSS Grid with auto-fit for responsive layout.

* Clean and Modern Aesthetic:

Utilizes gradients, hover effects, and soft shadows.

* Sticky Header:

The header remains visible as you scroll (position: sticky).

🧭 **Navigation Bar:**

* Located in the header with links to all major sections: About, Projects, Skills, Contact.

* Smooth scrolling enabled via JavaScript for in-page links.

FEATURES:

🧑‍💼 **About Me Section:**

- Brief bio including:
    * Academic background.

    * Programming languages known (C, C++, Java, Python).

    * Project highlights.

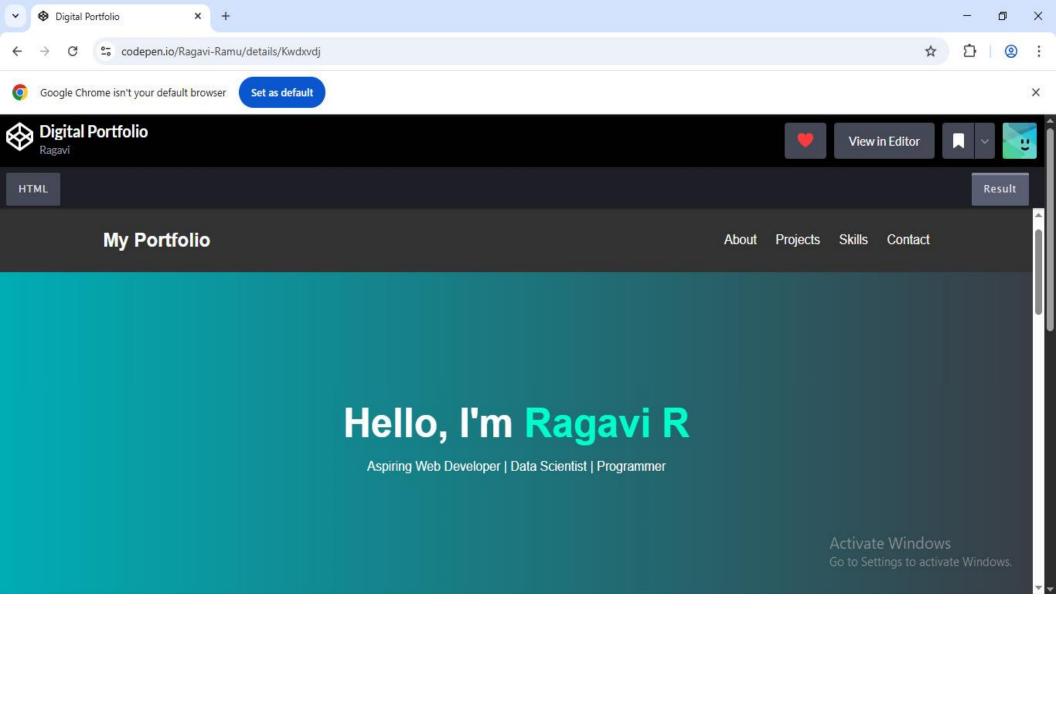   * Interests and passion for tech.

📪 **Contact Section:**

- Simple contact form with:
    * Name input

    * Email input

    * Message text area

    * Submit button

    * Styled inputs with hover and focus feedback.

FUNCTION ALITY:

* Introduction/Hero section

* About Me

* Skills

* Projects

* Contact form

* Footer

* Plus a smooth scrolling feature via JavaScript

It's built with:

* HTML5

* CSS3 (including grid and flexbox)

* Vanilla JavaScript (for smooth scroll)

HTML   Result

My Portfolio

About   Projects   Skills   Contact

Hello, I'm Ragavi R

Aspiring Web Developer | Data Scientist | Programmer

About Me

Hello, I'm Ragavi, currently pursuing my undergraduate degree in B.Sc Data science at Sree Raghavendra Arts and Science College, keezhamoongiladl, Chidambaram. I have an average skills in programming languages such as C, C++, Java, and Python, along with good knowledge of data structures. I've developed projects like a Registration form and a Chat App. In my free time, I enjoy reading books. I enjoy learning new technologies and applying them to solve real-world problems.

My Skills

C++

Java

Python

VS Code

GitHub

Projects

Project One

A simple college registration form using HTML and CSS.

Project Two
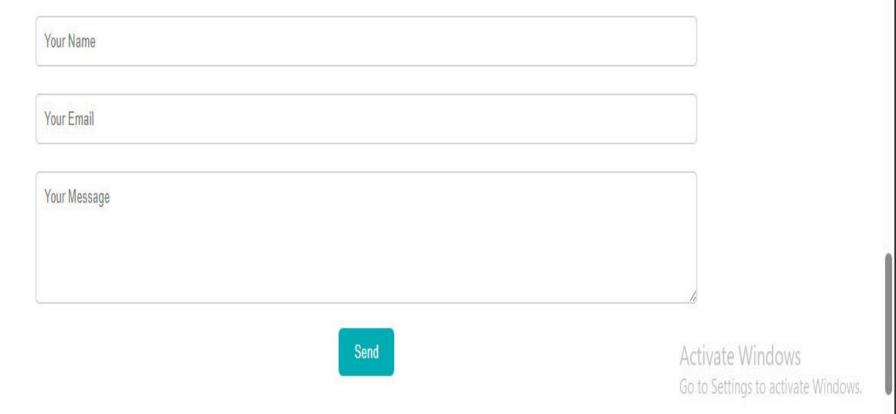
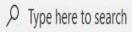A simple chat box using HTML, CSS and JavaScript.

Project Three

My college ID using HTML and CSS.

Contact Me

Your Name

Your Email

Your Message

Send

GITHUB LINK:

- https://github.com/ramuragavi01-cmyk/Ragavi-TNSDC-FWP-DP.git

CONCLUSION:

- **Final Thoughts**:

-      This portfolio provides an average foundation for showcasing Ragavi's skills and ambitions. It reflects a strong understanding of front-end web development, especially in HTML and CSS, and serves as a professional digital resume for potential employers, collaborators, or clients.

THANKING YOU!