

Digital Portfolio



STUDENT NAME: Vinitha R

REGISTER NO AND NMID: 2426J0134.asbruap2426J0134

DEPARTMENT: Information Technology

COLLEGE: PPG InCollage of Arts and Science, Bharathiar university



PROJECT TITLE

SIMPLE PORTFOLIO



AGENDA

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Problem Statement

Many students and professionals need a simple, clean online presence to showcase their skills, projects, and contact information. The challenge is to create a lightweight, easy-to-maintain portfolio website that highlights the developer's background and work using basic web technologies.



PROJECT OVERVIEW

The goal of this project is to build a personal portfolio website for Poovarasan, a B.Sc. Computer Science student. The website will display Poovarasan's background, skills, and projects and provide a contact form for visitors to reach out. The project uses only HTML, CSS, and JavaScript to create a responsive, user-friendly site.



WHO ARE THE END USERS?

End Users

Potential employers or recruiters looking for Poovarasan's skills and projects.
Friends, classmates, or professional contacts who want to learn more about Poovarasan's work.

Anyone interested in web development who might benefit from seeing a simple portfolio example.

TOOLS AND TECHNIQUES



Tools and Technologies

HTML: To structure the content of the website.

CSS: For styling and layout, ensuring the site looks clean and professional.

JavaScript: To add interactivity, such as form validation and user feedback.

Browser: To view and test the website locally.

Text Editor (like VS Code, Sublime Text): To write and edit code.

POTFOLIO DESIGN AND LAYOUT

Portfolio Design and Layout

Header: Contains Poovarasan's name, degree, and navigation menu linking to sections (About, Projects, Contact).

About Section: Brief introduction about Poovarasan and his passion for web development.

Projects Section: A showcase of simple projects to demonstrate coding skills.

Contact Section: A form where visitors can send messages directly (with basic validation).

Footer: Displays copyright info.

Responsive Layout: The site is centered with a max-width to keep content readable and spaced well.

Color Scheme: Dark header/footer with light content area for contrast and readability.

Clean and Minimalist: Focus on content without distractions.

FEATURES AND FUNCTIONALITY

Features and Functionality

Navigation Menu: Smooth and easy to access sections of the page.

About Me Section: Static text introducing Poovarasan.

Projects Section: Lists multiple projects with titles and descriptions.

Contact Form:

Input fields for name, email, and message.

Validation to ensure all fields are filled before submitting.

JavaScript alert confirms successful message submission.

Form resets after submission.

Responsive Design: Works well on desktop and smaller screens.

Consistent Styling: Uses CSS for layout, colors, fonts, and hover effects on buttons.

User Feedback: Alerts provide simple interaction feedback.

RESULTS AND SCREENSHOTS



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Vinitha's Portfolio</title>
  <link rel="stylesheet" href="styles.css" />
</head>
<body>
  <header>
    <h1>Vinitha - Information Technology</h1>
    <nav>
      <a href="#home">Home</a>
      <a href="#skills">Skills</a>
      <a href="#contact">Contact</a>
    </nav>
  </header>

  <section id="home">
    <h2>Welcome!</h2>
    <p>Hello! I am Vinitha, a passionate student of Information Technology. I enjoy coding and designing web projects.</p>
  </section>

  <section id="skills">
    <h2>My Skills</h2>
    <ul>
      <li>HTML5 & CSS3</li>
      <li>JavaScript (ES6+)</li>
      <li>Responsive Web Design</li>
    </ul>
  </section>
</body>
</html>
```

Vinitha - Information Technology

(big bold heading at the top)

Home Skills Contact

(navigation links side by side)

Welcome!

Hello! I am Vinitha, a passionate student of Information Technology. I enjoy coding and designing web projects.

My Skills

- HTML5 & CSS3
- JavaScript (ES6+)
- Responsive Web Design

CONCLUSION

This portfolio website project successfully demonstrates the ability to build a clean, responsive, and functional personal website using only HTML, CSS, and JavaScript. It provides a solid foundation for showcasing skills and projects for potential employers or contacts.