

Individual Project Report

Personal Portfolio Website:

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Index: 038

Course: Diploma in Computer Science with Artificial Intelligence

Technologies Used: HTML, CSS, JavaScript

1. Introduction

I developed an interactive/responsive **personal portfolio website** designed to present my personal information, technical skills, and completed projects in a structured and professional manner. This website includes key sections such as **About Me, Projects, Skills, and Contact** allowing visitors to easily navigate and understand the developer's profile.

2. Objectives

The objectives of this project were:

- To create a personal portfolio website
 - To demonstrate basic web development skills
 - To use JavaScript for interactivity
 - To design a responsive and user-friendly interface
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3. Website Features

Key features of this website include a clean and consistent layout, a responsive design that adapts to different screen sizes and a contact form with input validation. JavaScript is used to enhance user interaction and prevent incorrect form submissions to improve overall usability. This website does not use any external frameworks.

The website consists of the following sections:

- **About Me:** Provides personal and educational information about myself
- **Projects:** Displays completed projects with brief descriptions and images
- **Skills:** Highlighted technical skills such as HTML, CSS, and JavaScript
- **Contact:** Includes a form with JavaScript-based validation.

Each section is clearly structured to improve usability.

4. Technologies Used

- **HTML:** used to create the structure and content of the website. It defines sections, headings, text content, images and the contact form making sure of proper organization and clarity.
 - **CSS:** used to handle the visual presentation of the website. It controls layout, colors, fonts, spacing and responsiveness. Media queries are used to ensure the website displays correctly on desktop, tablet, and mobile devices
 - **JavaScript:** used to add interactivity and functionality to the website. It is mainly used for contact form validation, handling user input and preventing invalid data submission to improve the user experience.
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5. Responsiveness and Design

This website is responsive and adapts to different screen sizes using CSS media queries. A clean layout, consistent colors and readable fonts are used to maintain a professional look.

6. Conclusion

This project successfully demonstrates an understanding of basic web development concepts using **HTML, CSS and JavaScript** and also demonstrates an understanding of **website structure, responsive design and basic client side interactivity**. This portfolio website effectively presents personal information, projects and technical skills in a clear and organized manner.