Project Report

**Project Title:** Personal Portfolio Website

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# Abstract

This project involves designing and developing a personal portfolio website to showcase the developer’s skills, projects, education, and professional background. Built using HTML, CSS, and JavaScript, the website incorporates a modern UI, responsive layout, smooth animations, and a dark mode toggle. The site is designed with a focus on aesthetics, usability, and technical presentation.

# Introduction

In today's digital age, a personal portfolio is essential for professionals in the tech industry. The goal of this project was to create a web-based portfolio that acts as both an online resume and a creative showcase. The site helps in demonstrating technical proficiency, academic background, and completed projects in a structured format.

# Objectives

- Design a responsive and modern personal website

- Highlight web development and programming skills

- Include interactive features such as dark mode and navigation effects

- Provide a central platform for showcasing projects and achievements

# Technologies Used

- Frontend: HTML5, CSS3, JavaScript

- Design Tools: Figma (UI planning)

- Version Control: Git & GitHub

- Code Editor: Visual Studio Code

- Database Tools: MySQL Workbench (for future integration)

# Features

- Responsive layout for desktop and mobile

- Sections for Skills, Hobbies, Tools, Education, Projects, and Contact

- Real-time clock and greeting

- Interactive dark mode toggle

- Formspree integration for contact form submission

- Minimalistic and clean UI with hover animations

# Project Implementation

The structure was divided into:  
- HTML: Semantically organized content with sections and navigation.  
- CSS: Custom variables and media queries for responsive design.  
- JavaScript: Real-time features (clock, dark mode, navbar highlighting).  
  
The portfolio includes educational qualifications, project summaries, hobbies, tools used, and a contact form. It’s optimized for performance and visual appeal.

# Screenshots

Screenshot 1: Homepage View

Screenshot 2: Skills & Tools Section

Screenshot 3: Projects & Education Section

# Conclusion

The portfolio website successfully meets the project objectives. It not only enhances the developer's online presence but also serves as a practical application of front-end development skills. Future enhancements could include backend integration for blogs, analytics, and a downloadable resume.

# Future Scope

- Add backend (Node.js or PHP) for dynamic content

- Integrate blog module

- SEO and analytics tracking

- Add certification download and testimonial sections

# References

- https://www.w3schools.com

- https://developer.mozilla.org

- https://formspree.io/

- https://github.com