PORTFOLIO WEBSITE – FULL PROJECT DOCUMENTATION

1. Introduction

This project is a personal portfolio website developed to showcase professional, academic, and technical information in a structured and visually appealing manner. The website follows a dark-themed interface and is implemented using HTML, CSS, and JavaScript without relying on external libraries.

2. Objective of the Project

The primary objective of this project is to design and develop a professional portfolio website that presents personal details, education, skills, internship experience, and contact information. The project also aims to demonstrate frontend development skills and clean coding practices.

3. Scope of the Project

The scope of the portfolio website includes creating a static, responsive, and user-friendly web interface. The website is suitable for academic submissions, internship applications, and entry-level professional use.

4. Technologies Used

HTML5: Used for structuring the web content.
CSS3: Used for styling, layout design, and implementing a dark theme.
JavaScript: Used for interactive features such as smooth scrolling and navigation highlighting.

5. Project Structure

The project follows a simple file structure where all files are maintained in a single directory:
• index.html – Main webpage structure
• style.css – Styling and layout
• main.js – JavaScript functionality
• anu123.jpg – Profile image

6. Functional Modules

Header and Navigation: Provides quick access to different sections of the website.
Hero Section: Displays the name and professional role.
About Section: Contains personal profile and background information.
Education Section: Displays academic qualifications.
Skills Section: Represents technical skills using progress bars.
Internship Section: Describes internship experience and responsibilities.
Contact Section: Provides contact information.

7. User Interface Design

The user interface follows a dark theme to reduce eye strain and provide a modern appearance. A card-based layout is used to separate content sections clearly. Responsive design techniques ensure usability across desktop and mobile devices.

8. JavaScript Functionality

JavaScript is used to enhance user experience through smooth scrolling, active navigation link highlighting based on scroll position, and a scroll-to-top button for easy navigation.

9. Responsiveness

The website is responsive and adapts to various screen sizes using CSS media queries. On smaller screens, layouts adjust to a single-column format for better readability.

10. How to Run the Project

1. Download or copy all project files into a single folder.
2. Ensure the profile image file is present.
3. Open index.html using any modern web browser.

11. Advantages of the System

• Simple and clean design
• Easy to maintain and extend
• No external dependencies
• Fast loading performance

12. Limitations

The portfolio website is static and does not include backend functionality. Advanced features such as form submission and dynamic data loading are not implemented.

13. Future Enhancements

• Addition of a project showcase section
• Resume download functionality
• Contact form with validation
• Hosting on platforms like GitHub Pages or Netlify

14. Conclusion

This portfolio website project successfully demonstrates the use of HTML, CSS, and JavaScript to build a professional and responsive web interface. The project follows clean coding practices and is suitable for academic and professional purposes.

15. Author Information

Name: Ganesham Anusha
Role: Entry-Level Data Analyst / Front-End Intern
Location: Nellore, Andhra Pradesh, India