Computer Science Portfolio Report

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1. Portfolio Website and Repository Links

- **Portfolio Website:** https://github.com/MH-gisma/cs-portfolio

- **GitHub Repository:** https://github.com/MH-gisma/cs-portfolio
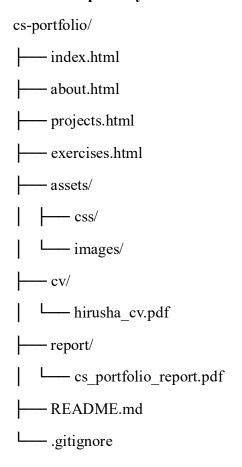
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2. Portfolio Structure

Website Structure:

The following sections make up the portfolio:

- **Homepage:** A succinct biographical statement that includes connections to LinkedIn and GitHub..

- **Projects Page:** Key computer science projects are described on the Projects Page, along with screenshots and links to their GitHub repositories.

- **CV Section:** A LaTeX-created PDF of my resume is available for download.

- **Technical Exercises:** A page with examples of implemented data structures, algorithms, and coding assignments.

GitHub Repository Structure:

cs-portfolio/

├── index.html

├── about.html

├── projects.html

├── exercises.html

├── assets/

│   ├── css/

│   └── images/

├── cv/

│   └── hirusha_cv.pdf

├── report/

│   └── cs_portfolio_report.pdf

├── README.md

└── .gitignore

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3. Design Decisions

- **Clean Layout:** used a simple layout to guarantee that the content was the main emphasis.

- **Responsiveness:** Bootstrap 5 was used to ensure complete mobile responsiveness.

- **Navigation:** Sections are easily accessible with top-bar navigation.

- **Color Scheme:** The use of blue and white to convey simplicity and professionalism.

- **Typography:** Google Fonts ("Poppins") were used to create a crisp, contemporary appearance.

- **GitHub Pages Integration:** hosted the website straight from the GitHub repository's main branch.

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4. Tools and Technologies Used

- **HTML5 & CSS3:** For website structure and styling.

- **Bootstrap 5:** To simplify responsive layout.

- **JavaScript (light use):** For image previews and interactivity.

- **Git & GitHub:** Version control and hosting.

- **GitHub Pages:** For static website deployment.

- **LaTeX:** For creating both the CV and this project report (compiled using Overleaf).

- **VSCode:** As the main code editor.

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5. Reflection

Strengths:

• Totally responsive and mobile-friendly; • Modern design and clear structure.
• Including links to real-world projects on GitHub.

• A professional resume is included.

Weaknesses:

• No blog section or contact form.
• Advanced interaction or few animations.

Future Improvements:

• Include a blog section where you may post guides and analysis.
• Put the dark mode toggle in place.
• Include interactive demos for JavaScript projects.

• Provide references or testimonies.

End of Report