# Report — Portfolio Website (Assignment 01)

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Course: Advance Web Development (CS408)

Program: BS Computer Science (Evening)

Department: CS (Evening), University of Gujrat

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## Objective:

The objective of this assignment was to create a simple, responsive personal portfolio website using HTML5, CSS3, and JavaScript, demonstrating modern front-end design principles and interactivity.

## Technologies Used:

* HTML5: For structuring the webpage using semantic elements like <header>, <main>, <section>, and <footer>.
* CSS3: For styling the layout, adding responsiveness through media queries, and managing custom color themes.
* JavaScript: For adding interactivity, including a working dark/light mode toggle, smooth scrolling behavior, and a simple contact form with live feedback.

## Website Sections:

* Header & Navigation: Contains navigation links for all major sections — About, Skills, Projects, and Contact.
* About Section: A brief introduction with a profile image describing my background in Software Engineering and web development.
* Skills Section: Displays my technical skills — HTML, CSS, JavaScript, C++, C#, Python, Canva Design, Software Engineering (SRS), and Information Security.
* Projects Section: Includes three projects — Live Streaming Cricket Website, Car Dealer Website, and Portfolio Website.
* Contact Section: A functional (UI-only) contact form with name, email, and message fields.
* Footer: Displays copyright and my name.

## Design Choices:

* Used light color theme (white + blue accent) for a clean, modern interface.
* Implemented dark mode using CSS variables and JavaScript toggle.
* Built the layout using Flexbox and Grid for responsiveness.
* Added hover effects and transitions for better user interaction and presentation.
* Fully custom CSS (no Tailwind) to demonstrate styling capability manually.

## Output / Result:

The final website is a fully responsive portfolio webpage with smooth navigation, interactive theme switching, and a clean layout — fulfilling all the requirements mentioned in the assignment.

## Conclusion:

This project helped me understand how to combine HTML5, CSS3, and JavaScript to design an interactive, responsive website. It strengthened my skills in web layout, front-end structure, and UI interactivity — essential for modern web development.

## Deliverables:

* index.html
* style.css
* script.js
* QasimHussain\_Portfolio.zip
* report.docx (this document)