

Project Documentation

Portfolio Website — Teesha Pinge

1. Introduction

As part of the Lenovo Leap internship, I created a personal portfolio website using HTML and CSS. This project was an opportunity to apply the concepts learned in Week 1 and Week 2, including semantic HTML5 structure, responsive design using Flexbox and Grid, and CSS transitions to make the page visually engaging.

The purpose of this website is to present a simple but creative portfolio that reflects who I am my background, skills, education, hobbies, and how someone can contact me. I wanted to make something neat, well-structured, and easy to navigate on any device.

2. Technologies Used

To build this website, I used only front-end web development technologies:

- **HTML5** – For building the structure of the website using semantic tags like `<header>`, `<section>`, `<nav>`, and `<footer>`.
- **CSS3** – For styling the layout, implementing responsiveness with media queries, and adding hover effects and transitions.
- **CSS Flexbox & Grid** – To align elements neatly and allow the layout to adjust properly across screen sizes.
- **Font Awesome** – For clean and professional-looking icons used in the navbar, skills, and contact sections.
- **Google Fonts (Poppins)** – To give the page a modern and clean typographic feel.
- **JavaScript (very minimal)** – Only used to implement the scroll-to-top button.

3. System Requirements

Feature	Details
Browser Compatibility	Chrome, Firefox, Edge, Safari, Brave (and other modern browsers)
Device Compatibility	Responsive, works well on mobile phones, tablets, and laptops
Screen Sizes Supported	From 320px width (small phones) to large desktop screens

4. Code Explanation

◆ HTML (index.html)

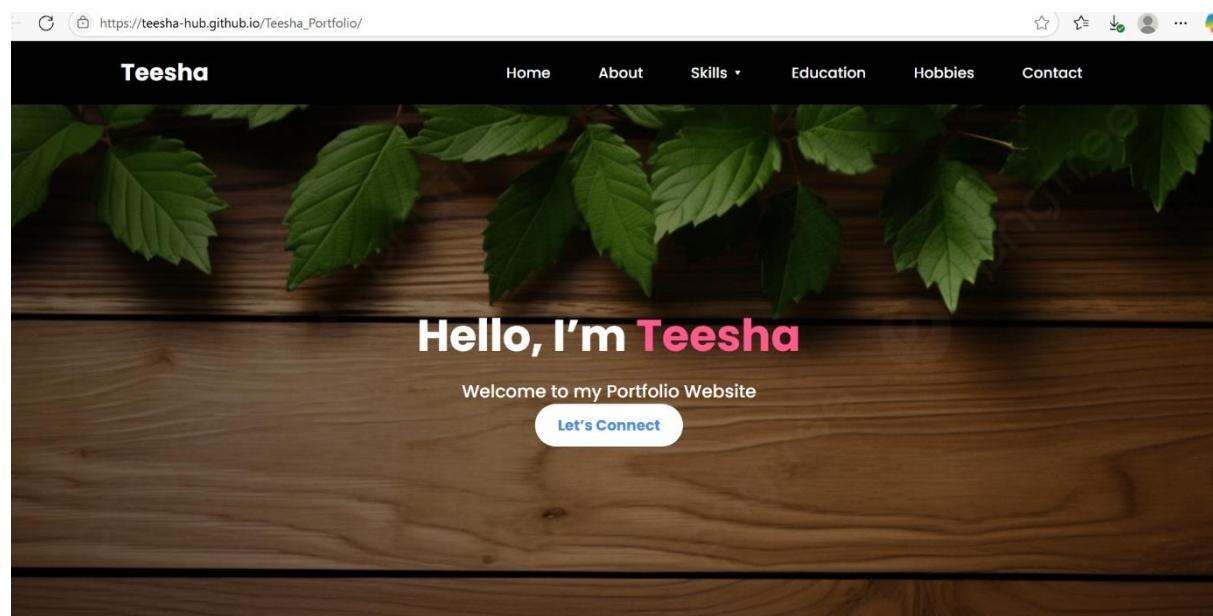
- The page starts with a **hero section** (<header>) that displays a welcome message and a call-to-action button with a beautiful background image.
- The **navigation bar** at the top is sticky and includes a dropdown menu under "Skills". It helps visitors jump to different sections like About Me, Education, Hobbies, and Contact.
- The **About Me** section gives a short introduction in paragraph form.
- The **Skills** section uses a grid layout to display my core strengths.
- The **Education** section lists my current degree and university.
- A newly added **Hobbies** section shows three of my favorite hobbies :Reading, Editing, and Photography ,using images with captions.
- The **Contact** section includes social media links (GitHub, LinkedIn) and a simple form with inputs for name, email, and message.
- The **footer** displays copyright.

◆ CSS (style.css)

- I used **:root** variables to manage theme colors (blue, pink, black, white, etc.) for a consistent look.
- The layout uses a combination of **Flexbox** (for the navbar and form alignment) and **CSS Grid** (for the skills and hobbies sections).
- The design is **responsive** using media queries to adjust layout on small devices. On smaller screens, the navigation links stack vertically and sections adjust their padding.
- I also added **hover effects** and smooth transitions to buttons, links, and cards to make the website interactive and not just static.
- A **scroll-to-top** button appears when the user scrolls down, making navigation easier.

5. Screenshots (To Be Attached in Final Report)

- Full homepage view



- Skills grid with icons

Teesha

Home About Skills ▾ Education Hobbies Contact

>About me

I'm Teesha Pinge, a Computer Engineering student at Goa University. I'm passionate about building web experiences and exploring new technologies. I value adaptability, learning, and creativity.

My Skills

HTML5 CSS3 Problem Solving
Adaptability

- Education section and Hobbies gallery with images

Teesha

Home About Skills ▾ Education Hobbies Contact

Education

B.E. in Computer Engineering – Goa University (2022–2026)

My Hobbies

Reading Editing Photography

- Contact form and social icons

Teesha

Home About Skills ▾ Education Hobbies Contact

Contact Me

You can reach out via social media or by filling out the form below.

[Gmail](#) [LinkedIn](#)

Your Name
Your Email
Your Message

Send Message

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6. Challenges Faced

Challenge	How I Solved It
Making the page responsive on all screen sizes	I used <code>auto-fit</code> and <code>minmax()</code> in CSS Grid, and also added media queries for mobile view adjustments.
Making text readable over background images	I added a dark transparent linear gradient over the background image.
Designing a clean layout without frameworks	I kept it simple and used sections with padding, rounded corners, and shadows to separate content clearly.
Implementing a dropdown menu without JavaScript	I used pure CSS to show/hide the dropdown on hover.
Making sure form fields look good and centered	Used Flexbox in the contact form and applied consistent styling across all input fields.

7. Future Scope & Enhancements

If I had more time, or if I improve this project in the future, I would love to:

- Add a **dark mode** toggle for users who prefer low-light interfaces.
- Include a **projects** section to show what I've worked on (with live links or screenshots).
- Use **JavaScript** to validate the form or connect it to something like Formspree or EmailJS.
- Add a **downloadable resume** button or an interactive timeline of my education/experience.
- Host the portfolio on **GitHub Pages or Netlify** so I can share it with others easily.

Conclusion

This project helped me understand how to build a full responsive web page using only HTML and CSS. It was a hands-on way to practice layout, design, responsiveness, and interactivity. I'm happy with how it turned out, it's creative, functional, and personalized.