

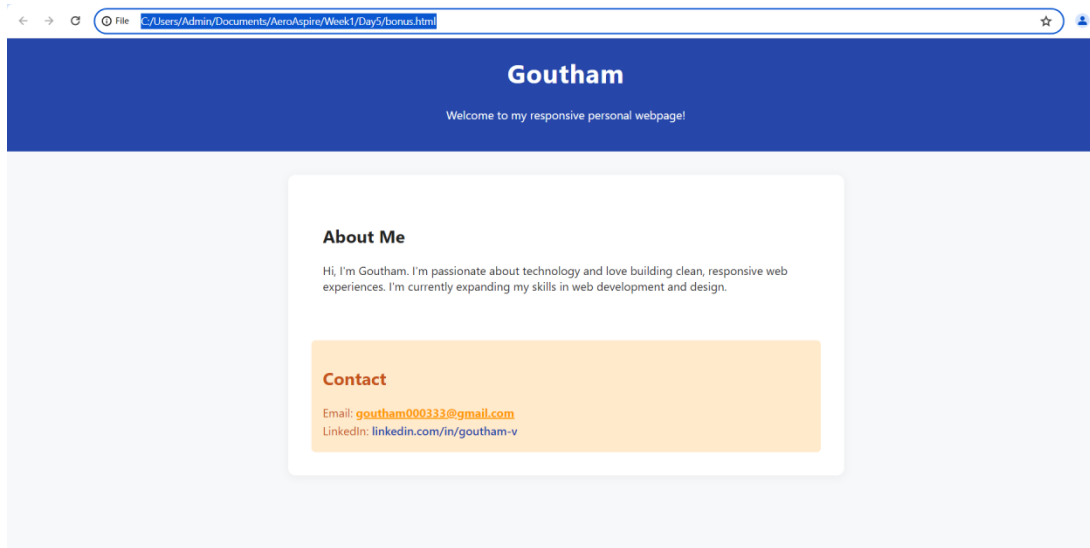
AeroAspire-SDE Intern

Goutham V

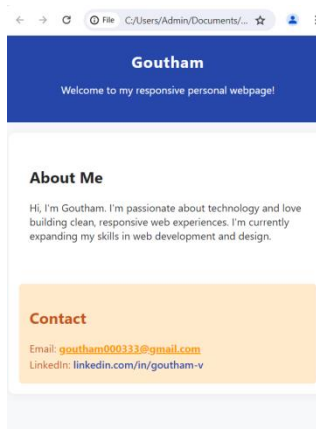
Week 1 – Day6 (27th September)

Task:

Reflect on week; bonus tasks: hover effects, mobile friendliness



Responsive Portfolio with Hover Effect



Mobile-friendly view of responsive portfolio, showing clean layout and easy readability on a smartphone screen.

Steps Followed to Create the Hover Effect

1. **Opened Project in VS Code:** Started by editing the HTML and CSS files for the personal portfolio webpage in Visual Studio Code.
2. **Structured Content:** Kept two main sections inside the container—About Me and Contact—with clear headings and info.
3. **Added Base Styling:** Applied background colors, borders, spacing, and font styles for a clean layout using CSS.
4. **Implemented Hover Effect:**
 - a. Used the CSS `:hover` pseudo-class on `.about` and `.contact` sections.
 - b. Set custom background and text colors to change dynamically when the cursor was placed over each section.
 - c. Added smooth transition effects so the color change looks polished.
5. **Tested Locally:** Viewed changes on the browser, confirming that both sections visibly change color on hover, enhancing interactivity and user experience.

Reflection:

1. Top 3 Challenges Faced This Week and How I Overcame Them

- A. First, understanding how to do the tasks while learning extra things at the same time was tough. I had to manage my time carefully to fully grasp new concepts within the limited time.
- B. Second, I wasn't very familiar with GitHub and Git initially, so it took me quite a while to explore and learn how to use them properly. Handling Git commands and repository operations was challenging at first.
- C. Third, the biggest challenge was learning beyond what was assigned. While doing the tasks, I was trying to understand more details and related topics, which became a little exhausting but also rewarding.

2. Extra Polish and Improvements for a Client Project

If I were making this site for a client, I would take a much more personalized approach. I'd start by carefully understanding the client's needs and interests to build something truly unique for them. I'd go beyond the basics and add features that help the client stand out, like custom graphics, animations, or interactive elements. I would also:

- Focus on accessibility so all users can easily use the site.
- Optimize performance for faster loading on all devices.
- Provide clear, easy navigation to improve user experience.
- Make sure the design matches the client's branding perfectly.
- Offer thorough testing on multiple devices and browsers to ensure everything works smoothly.

3. The Flow of Creating This Site: Design → Code → Test → Deploy

I started by designing the website layout and planning the content structure. I decided to keep it simple with a header section, an About Me section, and a Contact section, aiming for a clean and modern look that works well on mobile and desktop.

Next, I wrote the HTML and CSS code to bring the design to life. I used responsive design techniques like media queries to make sure the site adapts to different screen sizes, and added hover effects to improve user interaction.

After coding, I tested the site on multiple devices and browsers to check responsiveness, functionality, and visual appearance. I made adjustments based on testing to fix any layout or style issues.

Finally, I used Git to version control my work, pushed the project to GitHub, and set up GitHub Pages to deploy the site online. I verified the live site to confirm proper deployment and responsiveness.