

AeroAspire - SDE Intern

John Nikhil G

Week 1 – Day 5 (September 27)

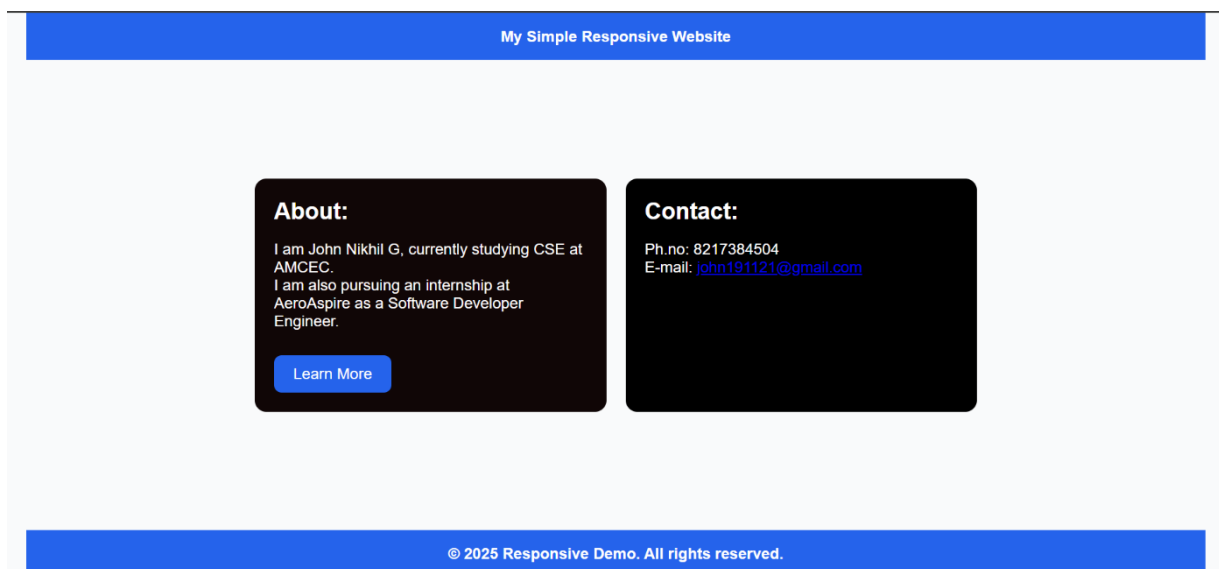
Bonus task :

Reflect on week;

bonus tasks:

hover effects, mobile friendliness;

Responsive Layout with Hover effect :



Hover Enhancements:

- Introduced smooth color shifts and underline animations on navigation links and the menu icon to improve interactivity.
- Applied gentle background and shadow effects on content sections to create a subtle hover response.
- These refinements give the site a more polished, engaging, and mobile-friendly experience

Mobile Responsive Layout with Hover effect :

My Simple Responsive Website

About:

I am John Nikhil G, currently studying CSE at AMCEC.

I am also pursuing an internship at AeroAspire as a Software Developer Engineer.

[Learn More](#)

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Questions:

1. List top 3 challenges you faced this week and how I overcame them.

Challenge 1:

My main challenge was GitHub, I really had a hard time going through Day 's task but I'm more comfortable with it now.

Challenge 2: Publishing a GitHub Pages site:

First time trying to publish a site, I felt stuck and didn't know how to do it, but I took help from ChatGPT and the resources sent to me and got a clear idea on how to do so.

Challenge 3: Faced syncing issues with GitHub and VSC while adding files to a certain repository. Again, I used a bit of help and learned to do it also.

2. If you were building this for a client, what extra polish or refinements would you add?

If I were building this for a client, I would:

- Ensure the overall look and feel is refined and professional by adding thoughtful animations and smooth transitions that enhance the browsing experience.
 - Pay special attention to forms—making them intuitive and user-friendly with clear validation, helpful hints, and accessible error messages.
 - Strengthen the design by choosing colors, typography, and layouts that reflect the client's brand identity, while enriching the visuals—such as transforming static photos into an interactive gallery or slideshow.
 - Connect the contact form to a reliable backend service so that form submissions can trigger email notifications or be stored securely, ensuring real-world usability.
 - Provide the client with clear documentation or a simple guide so they can maintain and update their site confidently after delivery.
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3. Describe entire flow of creating this site: design → code → test → deploy.

How the Site Was Built: From Design to Deployment

Design

First, I sat down to understand exactly what the client wanted—their goals, audience, and must-haves. Then I sketched out a rough idea or wireframe to picture how the finished site should look.

Coding

Next, I brought the design to life with HTML and CSS, setting up the basic layout and style. I added interactive features and made sure everything looked great on all devices by working on responsiveness. Throughout, I tested each part to make sure it worked as expected.

Testing

I checked the site on different screen sizes to ensure it adapted smoothly. I tested all links, forms, and attached files to confirm they worked perfectly. If something felt off, I tweaked the design to make the user experience even better.

Deployment

Finally, I organized the files neatly and pushed the code to GitHub. Then I deployed the site using a hosting platform. I verified the URL worked correctly and made sure the site loaded perfectly when accessed by users.
