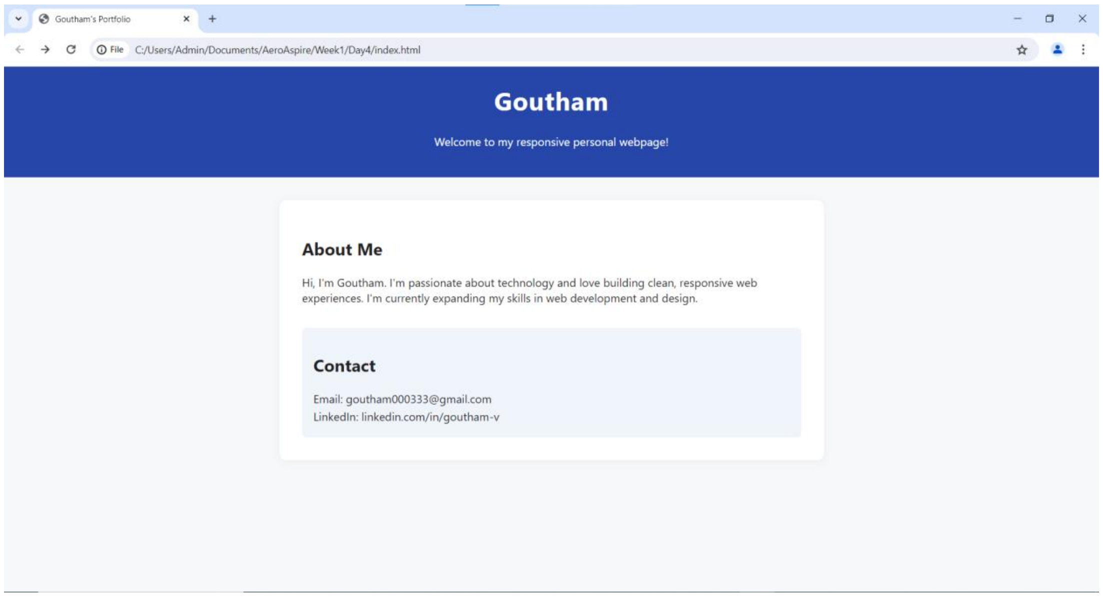
AeroAspire-SDE Intern

Goutham V

Week 1 – Day5 (26th September)

Task: Polish responsive layout; deploy on GitHub Pages; write README



Goutham

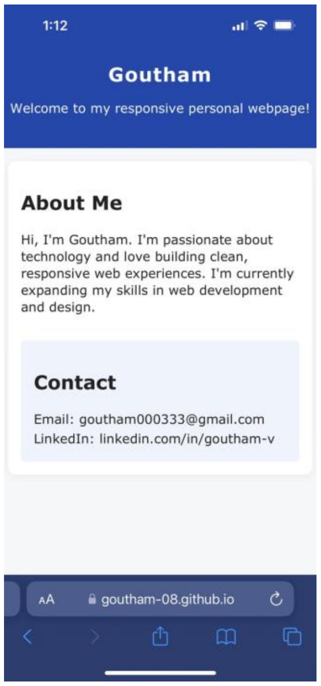
Welcome to my responsive personal webpage!

About Me

Hi, I'm Goutham. I'm passionate about technology and love building clean, responsive web experiences. I'm currently expanding my skills in web development and design.

Contact

Email: goutham000333@gmail.com
LinkedIn: linkedin.com/in/goutham-v



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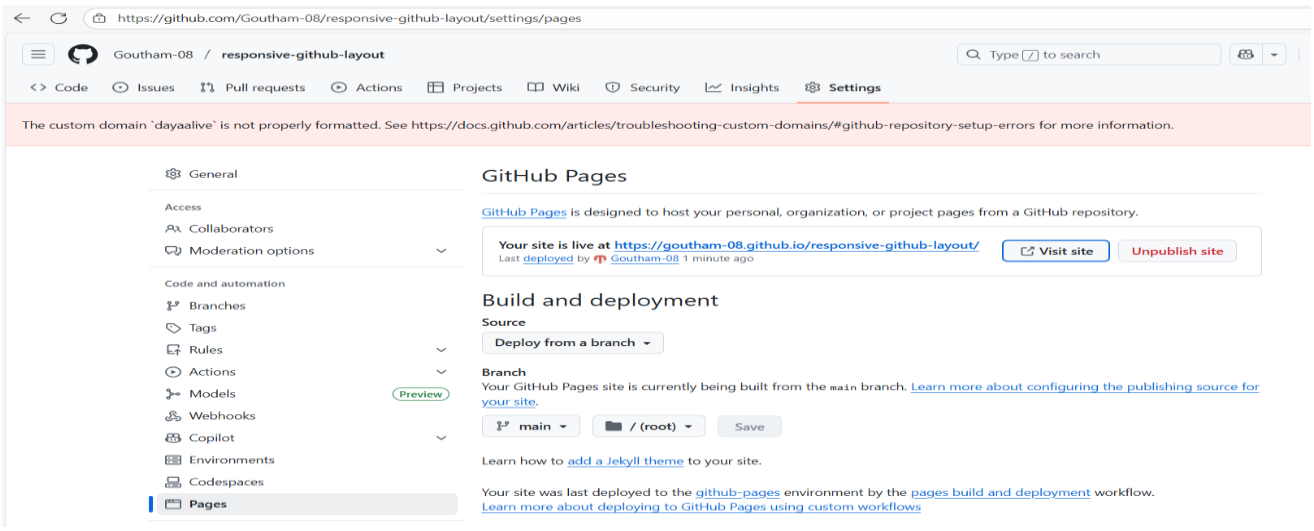
The above picture is Desktop layout and the below picture is mobile layout.

Steps I followed:

- Created a responsive personal webpage using HTML and CSS in Visual Studio Code.
- Designed a clean, user-friendly layout with “About Me” and “Contact” sections, ensuring it adapts seamlessly across devices.
- Initialized a Git repository locally, committed the project files, and pushed them to a newly created GitHub repository.
- Deployed the webpage using GitHub Pages by enabling it in repository settings and selecting the publishing source.
- Verified the live site on desktop and mobile browsers, capturing snapshots as proof of responsive design and successful deployment.


https://github.com/Goutham-08/responsive-github-layout/settings/pages
Goutham-08 / responsive-github-layout
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings

The custom domain `dayaalive` is not properly formatted. See https://docs.github.com/articles/troubleshooting-custom-domains/#github-repository-setup-errors for more information.

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at https://goutham-08.github.io/responsive-github-layout/
Last deployed by Goutham-08 1 minute ago

Build and deployment

Source: Deploy from a branch

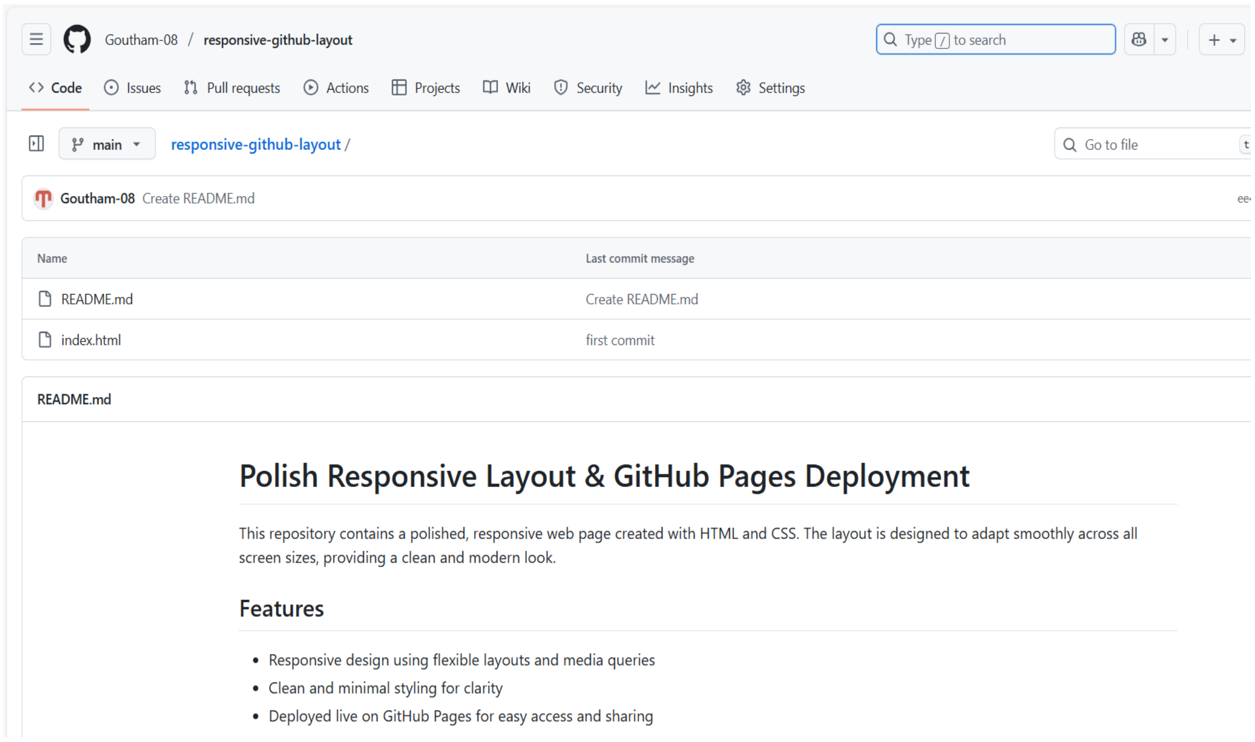
Branch
Your GitHub Pages site is currently being built from the `main` branch. Learn more about configuring the publishing source for your site.

main / (root) Save

Learn how to add a Jekyll theme to your site.

Your site was last deployed to the github-pages environment by the pages build and deployment workflow.
Learn more about deploying to GitHub Pages using custom workflows

This screenshot shows the GitHub Pages settings for the repository. It confirms that the website is live and accessible via the provided URL. The site is being deployed from the main branch, using the root folder as the source. You can visit the live page directly from here or choose to unpublish it if needed. The message at the top indicates a formatting issue with a custom domain, suggesting that it needs fixing for proper configuration.



Goutham-08 Create README.md

Name	Last commit message
README.md	Create README.md
index.html	first commit

README.md

Polish Responsive Layout & GitHub Pages Deployment

This repository contains a polished, responsive web page created with HTML and CSS. The layout is designed to adapt smoothly across all screen sizes, providing a clean and modern look.

Features

- Responsive design using flexible layouts and media queries
- Clean and minimal styling for clarity
- Deployed live on GitHub Pages for easy access and sharing

This image shows the main page of your GitHub repository, specifically highlighting the README file. The README gives a quick overview of your project, explaining that it's a responsive web layout designed with HTML and CSS, and mentions some of the key features and deployment details. This helps visitors understand what your repository is about at a glance.

Reflection:

1. What steps did you follow to deploy via GitHub Pages?

- Created a new GitHub repository for the project.
- Developed the responsive webpage locally using HTML and CSS.
- Initialized Git in the local project folder, added and committed files.
- Connected the local repository to the GitHub remote URL.
- Pushed the committed changes to the main branch on GitHub.
- Navigated to the repository's Settings tab and opened the GitHub Pages section.
- Selected the main branch as the publishing source and saved.
- After a few minutes, the site was live at the GitHub Pages URL provided.

2. What difficulties you faced in deployment?

- Ensuring the correct branch and folder were selected as the publishing source was sometimes confusing.
- Delays in site deployment after changes pushed made it hard to immediately verify updates.
- Issues with custom domain configuration due to improper formatting.
- Initial unfamiliarity with GitHub Pages settings and enabling HTTPS.

3. How do responsive breakpoints work (CSS media queries)?

- CSS media queries apply specific styles when the device or viewport width matches certain conditions (breakpoints).
- They enable the layout to adapt by changing properties like font size, element positioning, or visibility for different screen sizes—mobile, tablet, desktop.
- Example:

```
css
@media (max-width: 600px) {
}
```

4. Why are hover/focus/active states important for UX?

- They provide visual feedback to users, making interactions clear and intuitive.
- Hover states guide users where clicks or actions are possible, improving navigability.
- Focus states aid keyboard users and accessibility, showing which element is currently selected.
- Active states confirm that a button or link is being pressed, enhancing interactivity confidence.