

# Build Your Homepage: 5-Day Plan

## Day 1 — HTML Foundations + GitHub Pages

- Concepts: HTML document structure (`<!DOCTYPE html>`, `<html>`, `<head>`, `<body>`), headings, paragraphs, lists, images, links, attributes (`src`, `href`, `alt`), repo creation, committing, enabling GitHub Pages.
- In-Class: Create `index.html`, add name, short bio, one image, push to `username.github.io` and view live site.
- Homework: Add at least 3 more HTML elements (list, extra image, link).

## Day 2 — CSS Styling

- Concepts: Linking CSS (`<link rel="stylesheet" href="style.css">`), selectors (element, class, id), colors, fonts, background, box model (margin, padding, border).
- In-Class: Create `style.css`, style text and background, make a `.highlight` class and apply it, adjust margins/padding for layout.
- Homework: Pick a color palette & fonts for site.

## Day 3 — JavaScript Basics + DOM

- Concepts: Role of JS (behavior), variables (`let`, `const`), functions, `document.querySelector`, `.textContent` & `.style`.
- In-Class: Add `script.js`, display a greeting using a variable, button changes background color, button changes image.
- Homework: Add 1 more button that changes text or style.

## Day 4 — Events, Logic, Arrays

- Concepts: Event listeners (`addEventListener`), `if/else` conditionals, `.classList.toggle`, arrays + loops (`for` / `.forEach`).
- In-Class: Dark mode toggle, click “Next” button to cycle through image array, button to display a random fun fact.
- Homework: Add 1 interactive feature of your choice.

## Day 5 — Forms + Personalization

- Concepts: Form inputs (`<input>`, `<textarea>`), `.value`, template literals, mouse events (`mouseover`), optional: `localStorage` basics.
- In-Class: Contact form that shows “Thanks, [name]!” on submit, personalized greeting with user input, hover effect to change image or style, optional: save dark mode preference.
- Homework (2 weeks): Continue refining site & pushing updates to GitHub Pages.

By the end: Students have a live, interactive homepage with HTML structure, custom CSS styling, JS-powered interactions (toggle, gallery, forms), and it is hosted on GitHub Pages.