

## Mini Project #1

### Build and Host Your Own Static Website with GitHub Copilot



Deadline: April 12, 2025 at 23:59

In this mini project, you will create a **static website** using **GitHub Copilot** as your AI assistant inside Visual Studio Code. You will use **Git** for version control and host your final project using **GitHub Pages**.

This is your chance to experience how modern developers work: combining AI coding tools, version control, and cloud-based deployment—all skills expected in the Software Industry.

#### ➤ What You Need to Do

1. Use **GitHub Copilot** in **VS Code** to help you write your HTML, CSS, and JS (if needed). You will practice writing smart prompts and editing Copilot's suggestions when needed.
2. Create a **GitHub** repository for your website. Use Git for version control and make regular **commits** with meaningful messages.
3. Host your website on **GitHub Pages** so that it's publicly accessible.
4. Submit a document (PDF or DOCX) to Moodle with the following:
  - ✓ The link to your hosted website
  - ✓ At least 10 prompt sentences you used with Copilot
  - ✓ Examples of Copilot-generated code that you modified manually, with brief explanations of what you changed and why

#### ➤ Need Inspiration?

Take a look at my personal portfolio website hosted on GitHub:

<https://ibrahimhamarash.github.io>

This is a live example of what you can achieve using the same tools and process.

#### ➤ Grading Focus

- ✓ How effectively you use GitHub Copilot as a tool
- ✓ Proper use of Git and GitHub Pages
- ✓ Clean, functional, and well-designed website
- ✓ Quality of documentation: your prompts, your reasoning, and code changes