

## ✅ Day 11: GitHub Pages for Free Hosting

👤 Created by: Deep Ghinaiya

💼 *Software Developer*

🔗 [linkedin.com/in/deep-ghinaiya](https://linkedin.com/in/deep-ghinaiya)

### 📌 What Is It?

**GitHub Pages** lets you host **websites directly from your GitHub repository — for free.**

Whether it's a **portfolio site**, **project documentation**, or a **personal blog**, you can deploy static websites with zero infrastructure setup — using only HTML, CSS, JS, or Markdown.

And yes, it comes with a .github.io domain! 🌐

### 💡 Why It's Useful

- 🚀 Free web hosting with custom domain support
- 📁 Great for showcasing projects or building a portfolio
- 📖 Perfect for documentation, blogs, or course content
- 🛠️ Simple setup, no servers or deployment tools required
- 🌐 Hosted on GitHub's global CDN = fast + reliable

### 🔧 How to Set It Up

#### ◆ Method 1: From GitHub Web (Easy Way)





1. Create a new public repo (e.g., portfolio)
2. Push your website code (HTML/CSS/JS) to the main branch
3. Go to **Settings** → **Pages**

4. Under **Source**, choose the branch and folder (usually main & /root)
5. GitHub will generate a live site URL like:  
`https://yourusername.github.io/portfolio/`






#### ◆ **Method 2: Use docs/ Folder in Existing Repo**

- If you want to publish documentation, enable Pages using the docs/ folder.
- This is great for project-specific documentation or guides.

#### **GitHub Pages Supports:**

-  Static HTML/CSS/JS sites
-  Jekyll-powered blogs (no server required)
-  Markdown-based documentation
-  Custom domains & HTTPS

#### **Example Use Cases**

-  Developer portfolio
-  Open-source documentation
-  Technical blog (Jekyll)
-  Public resume or CV site
-  Live project demos (landing pages, UI kits)

#### **Pro Tips**

- Use a tool like [Jekyll](#) for Markdown-based blogs

- Add a `.nojekyll` file if you want GitHub to skip Jekyll processing
- Use a **CNAME** file to configure a custom domain
- Pages are automatically deployed on push!

## Resources to Explore

- GitHub Pages Docs: <https://pages.github.com>
- Step-by-step guide: <https://docs.github.com/en/pages>

## Final Thought

“Your code deserves a home. Let GitHub Pages turn your repo into a live website — for free.”