

Deploy Your Portfolio for FREE with Vercel

A beginner-friendly guide to deploying an HTML, CSS & JavaScript portfolio using Vercel and GitHub.

1. Keep Your Portfolio Ready

Your portfolio website should already be uploaded to a GitHub repository.

```
my-portfolio/  
■■■ index.html  
■■■ style.css  
■■■ script.js  
■■■ assets/
```

Important: Your main page should be named **index.html**.

2. Create a Vercel Account

Open Vercel and click **Sign Up**. Signing in with GitHub is the easiest option.

If Vercel asks for GitHub permissions, authorize the connection. Vercel needs repository access to deploy your project.

3. Open the Vercel Dashboard

After signing in, open your Vercel dashboard and select **Add New** → **Project**.

4. Import Your GitHub Repository

Vercel will show your available GitHub repositories. Find your portfolio repository and click **Import**.

Example: my-portfolio

5. Configure Your Project

On the project configuration screen, set the project name if you want. For a simple HTML/CSS/JS portfolio, you normally do not need to change unnecessary framework settings.

If **index.html** is in the root of the repository, you normally do not need to change the Root Directory.

6. Deploy

Click **Deploy**. Vercel will build and deploy your GitHub project. Wait for the deployment to finish.

Congratulations — your portfolio is now live on Vercel!

7. Open Your Live Portfolio

After deployment, click **Visit** or open the generated Vercel domain.

<https://abhay-portfolio.vercel.app>

8. Automatic Deployments

This is one of the most useful parts of Vercel. When you update your code and push the changes to GitHub, Vercel can automatically create a new deployment.

Code change → GitHub push → Vercel detects changes → New deployment → Updated website LIVE

You do not need to manually upload the website again for every update.

9. Preview Deployments

Vercel can create preview deployments for changes so you can review a version before making it your production version. This becomes especially useful for larger projects.

10. Connect a Custom Domain

Vercel gives your project a default domain such as:

`your-project.vercel.app`

You can later connect your own domain. In your Vercel project, open **Settings** → **Domains** and add your domain.

Example: `abhayguptadev.com`

Vercel will provide the DNS records you need to configure with your domain provider.

11. GitHub Pages vs Vercel

GitHub Pages	Vercel
Simple static hosting	Modern deployment platform
Great for HTML/CSS/JS	Great for modern frontend projects
GitHub-based setup	GitHub integration
Simple deployment	Automatic deployments
Basic hosting workflow	Preview deployments
Custom domain support	Custom domain support

Simple rule: GitHub Pages is a simple option for a basic static portfolio. Vercel is useful when you want GitHub-connected automatic deployments, preview deployments, and a modern frontend deployment workflow.

12. Common Problems

Repository is not visible? Check your Vercel-GitHub integration and make sure Vercel has access to the required repository.

Deployment failed? Open the deployment logs and check the reported error.

Blank website? Confirm that **index.html** is in the correct location.

CSS is not loading? Check your file paths, for example:

```
<link rel="stylesheet" href="style.css">
```

Images are not loading? Check the relative path, for example:

```

```

13. Final Takeaway

If you want a simple static portfolio online quickly, GitHub Pages is a straightforward option.

If you want GitHub-connected **automatic deployments, preview deployments, and a modern frontend workflow**, Vercel is useful.

GitHub → Vercel → Automatic Deployment

That is the main reason we are using Vercel as the second deployment method in this series.

Vercel Portfolio Deployment Guide

Abhay Gupta