

# Portfolio Website Project Documentation

## 1. Overview

This document provides a detailed plan to build a responsive and modern portfolio website. The portfolio will highlight your skills, showcase your projects, and include a contact form that sends messages directly to your email using EmailJS.

## 2. Technology Stack

- HTML: Structure of web pages.
- CSS / Tailwind CSS: Styling and responsive design.
- JavaScript: Interactivity and form handling.
- EmailJS: To handle email submissions from the contact form.
- Git & GitHub: Version control.
- Vercel / Netlify / GitHub Pages: For deployment.

## 3. Project Directory Structure

portfolio-website/

```
|-- index.html      (Homepage)
|-- about.html      (About Me page)
|-- projects.html   (Projects showcase)
|-- skills.html     (Skills list)
|-- contact.html    (Contact form)
|-- css/
|   |-- styles.css  (Custom styling or Tailwind config)
|-- js/
|   |-- main.js     (JavaScript logic)
|-- assets/
|   |-- images/     (Project images, profile pic)
|-- README.md       (Project description)
```

|-- .gitignore      (Git ignored files)

## **4. Pages and Features**

1. Home: Introduction, tagline, quick nav.
2. About Me: Education, experience, personal bio.
3. Projects: Images, GitHub links, descriptions.
4. Skills: Technical and soft skills.
5. Contact: Form with EmailJS integration.
6. Optional: Blog or login page for extra functionality.

## **5. EmailJS Integration Steps**

1. Sign up at <https://emailjs.com>.
2. Create an email service and email template.
3. Get your Service ID, Template ID, and Public Key.
4. Include EmailJS SDK in your project.
5. Write JavaScript to handle the form submission.
6. Show success or error messages to the user.

## **6. Next Steps**

1. Set up project folder and file structure.
2. Start building pages with HTML and Tailwind CSS.
3. Integrate EmailJS in the contact form.
4. Test responsiveness on various screen sizes.
5. Deploy to Vercel or Netlify.
6. Share your portfolio with others!