

Portfolio Website Project Documentation

Thabang Drey Dikotope

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1 Overview

This document provides a detailed plan to build a responsive and modern portfolio website. The portfolio will highlight my skills, showcase my projects.

2 Technology Stack

- **HTML5:** Structure of web pages.
- **CSS3 with Tailwind CSS:** Styling and responsive design.
- **JavaScript:** Interactivity and form handling.
- **EmailJS:** To handle email submissions from the contact form.
- **Git & GitHub:** Version control.
- **Netlify:** For deployment.
- **VS Code:** Code editor for development.

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

- **Home:** Introduction, tagline, quick navigation.
- **About Me:** Education, experience, personal bio.

- **Projects:** Images, GitHub links, descriptions.
- **Skills:** Technical and soft skills.
- **Contact:** Form with EmailJS integration.
- **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 Netlify.