Sebco Portfolio Website Documentation

PREPARED FOR

Sebco

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1. Project Overview

- **Project Name**: Sebco Portfolio Website
- **Purpose**: A modern, responsive website to showcase Sebco Infrastructures' approach, services, and portfolio.
- **Framework**: Built with **Next.js**, styled using **Tailwind CSS**, and written in **TypeScript** for scalability and performance.
- **Repository URL**: https://github.com/yoxaz-verse/sebco-protfolio

2. Technologies Used

Technology	Purpose
Next.js	React-based framework for server-side rendering and routing.
TypeScript	Adds type safety and improves code readability.
Tailwind CSS	Utility-first CSS framework for rapid and custom styling.
PostCSS	CSS post-processing for additional optimizations.
Vercel	Hosting platform optimized for Next.js deployments

3. File Structure

A clean, modular structure for scalability and maintainability.

File/Folder	Description
public/	Static assets such as images, icons, and other public resources.
src/	Main source code, including pages, components, and styles.
.eslintrc.json	Configuration for ESLint to ensure code quality and consistency.
next.config.mjs	Configuration file for the Next.js framework.
tailwind.config.ts	Tailwind CSS configuration file for customizing design tokens.
package.json	Contains metadata, dependencies, and scripts for running/building the project.
README.md	Instructions for setting up and running the project locally.
tsconfig.json	TypeScript configuration for the project

4. Installation and Local Setup

Prerequisites

- **Node.js** (v16.x or higher)
- **npm**, **yarn**, or **pnpm** installed on your system.

Steps to Run Locally

Clone the repository:

```
git clone https://github.com/yoxaz-verse/sebco-protfolio.git

cd sebco-protfolio
```

Install dependencies:

```
npm install

# or

yarn install
```

Start the development server:

```
npm run dev

# or

yarn dev
```

Open your browser and navigate to: http://localhost:3000

5. Deployment

Deployment on Vercel

1. **Connect GitHub Repository**: Link the repository to a Vercel project.
2. **Automatic Deployment**: Changes pushed to the `main` branch are automatically built and deployed.
3. **Production URL**: A unique Vercel URL is generated for each deployment.

To manually deploy:

```
npm run build

vercel --prod
```

6. Repository Details

Repository Information

- **URL**: https://github.com/yoxaz-verse/sebco-protfolio
- **Languages Used**:
    - **TypeScript**: 99.1%
    - **Other**: 0.9%

Branch Strategy

- **Main Branch**:
    - `main` (production-ready code)

Command	Purpose
git clone	Clone the repository to your local system.
git pull	Fetch the latest changes from the repository.
git push	Push local commits to the repository.

7. Attached Resources

📄 WEBSITE STRUCTURE DEVELOPEMENT

🖼 WEBSITE DOCS

Website Link