# Shyam Selvam - Portfolio Website Documentation

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## 1. Overview

A modern, interactive portfolio website built with standard web technologies and Node.js for routing. This project serves as a personal portfolio showcasing my skills in front-end and back-end web development.

## 2. Features

* Rich UI: Font Awesome icons with Nerd Font support and Tokyo Night color scheme.
* Interactive: JavaScript-driven interactivity for a smooth user experience.
* Server-side Routing: Handled by Node.js and Express.

## 3. Technology Stack

* HTML5
* CSS3
* JavaScript (ES6)
* Node.js
* Express.js

## 4. Deployment

### 4.1 Visit the Live Website

Live Portfolio Website: [https://portfolio-eight-flax-98.vercel.app](https://portfolio-eight-flax-98.vercel.app/)

### 4.2 Build and Run from Source

* Clone the repository:

<https://github.com/sselvam2002/portfolio>

* Navigate into the project directory:
* cd website
* Install project dependencies:
* npm install
* Start the local server:
* node app.js
* Open your browser and visit:

[http://localhost:3000](http://localhost:3000/)

## 5. Project Structure

* /public/ : Static assets (CSS, images, JavaScript)
* /views/ : HTML templates
* app.js : Main server file

## 6. Requirements

* Node.js
* Express.js
* Font Awesome
* Tokyo Night Color Palette

## 7. License

This project is licensed under the MIT License.  
See the LICENSE file for details.

## 8. Change Log

### 8.1 Features Added

* Separated static files into /public/ directory.
* Fixed image rendering and routes for correct working.
* Used self-closing tags for better HTML5 compliance.
* Integrated Font Awesome.
* Applied Tokyo Night color scheme.
* Improved navigation links without file paths.
* Implemented basic form submit route.
* Corrected GET and POST server routing.