HTML Code Explanation for Portfolio Website

This document provides an overview of the HTML code for a responsive portfolio website.

The code is structured into various sections, each serving a specific purpose.

1. Document Structure

DOCTYPE Declaration:

<!DOCTYPE html> indicates that this document is an HTML5 document.

HTML Tag:

<html lang="en"> specifies the language of the document as English.

2. Head Section

Meta Tags:

<meta charset="UTF-8"> sets the character encoding to UTF-8.

<meta name="viewport" content="width=device-width, initial-scale=1.0"> ensures the website is responsive on different devices.

Title:

<title>A Responsive Portfolio Design</title> sets the title of the webpage.

Stylesheets:

Links to external CSS files for styling:

- style.css for general styles.

- responsive.css for responsive design.

- Font Awesome for icons.

3. Body Section

Header:

Contains the logo and navigation menu.

The logo includes an image and the name "Satyajit Pradhan" styled with different colors.

The navigation links allow users to jump to different sections of the page.

4. Home Section

Introduction:

A welcoming message introducing Satyajit Pradhan as a Front-End Developer.

A brief description of skills and interests.

Social media icons linking to LinkedIn, GitHub, and Twitter.

5. Education Section

Timeline of Education:

Displays educational qualifications in a timeline format.

Each item includes the year, degree, institution, and relevant details.

6. Services Section

Projects:

Highlights various projects with descriptions.

Each project includes a title, duration, and a brief overview of the work done.

7. Skills Section

Skills Grid:

Displays various skills with corresponding images.

Skills include HTML, CSS, JavaScript, React, Node.js, C, C++, and Java.

8. Contact Section

Contact Form:

A form for users to fill out their name, email, phone number, and message.

Includes a button to send the message.

9. Footer Section

Social Media Links:

Repeats social media icons for easy access.

Navigation Links:

Provides navigation links again for user convenience.

Copyright Notice:

Displays a copyright message for Satyajit Pradhan.

10. JavaScript File

Script Inclusion:

<script src="script.js"></script> includes an external JavaScript file for interactivity.

Error Handling

403 Client Error:

The code includes a link to Font Awesome that may result in a 403 error, indicating access is forbidden.

This could be due to an incorrect URL or permissions issue.

This structured overview provides a clear understanding of the HTML code for the portfolio website, highlighting its main components and functionality.