

Task 1: Responsive Portfolio Website

Live Website:

<https://itz-swetha.github.io/portfolio/>

GitHub Repository Link:

<https://github.com/itz-swetha/portfolio>

Description:

The Responsive Portfolio Website is a professional multi-page web application designed to present personal, academic, and technical details in an organized and visually appealing manner.

The main objective of this project is to apply frontend web development concepts and create a clean, modern, and responsive website suitable for internship and academic evaluation purposes.

This website demonstrates the use of structured HTML, custom CSS styling, and Bootstrap framework to ensure responsiveness across different devices such as desktops, tablets, and mobile phones.

Technologies Used:

The following technologies were used to develop this project:

- HTML5
Used to create the structure and content of the website including headings, sections, lists, and links.
- CSS3
Used for styling the website with a **light green and beige earthy color theme**, custom typography, spacing, card layouts, hover effects, and **smooth animations** such as fade-in effects, scroll-based transitions, and progress bar animations.
- Bootstrap 5
Used to make the website responsive and mobile-friendly by using grid system, navbar, cards, buttons, and utility classes.

Features:

This project is a portfolio website developed using HTML, CSS, and Bootstrap. The website follows a real-world portfolio structure, where different sections such as Home,

About, Skills, Projects, and Contact are clearly organized and connected through a navigation bar for easy access.

The website consists of the following sections:

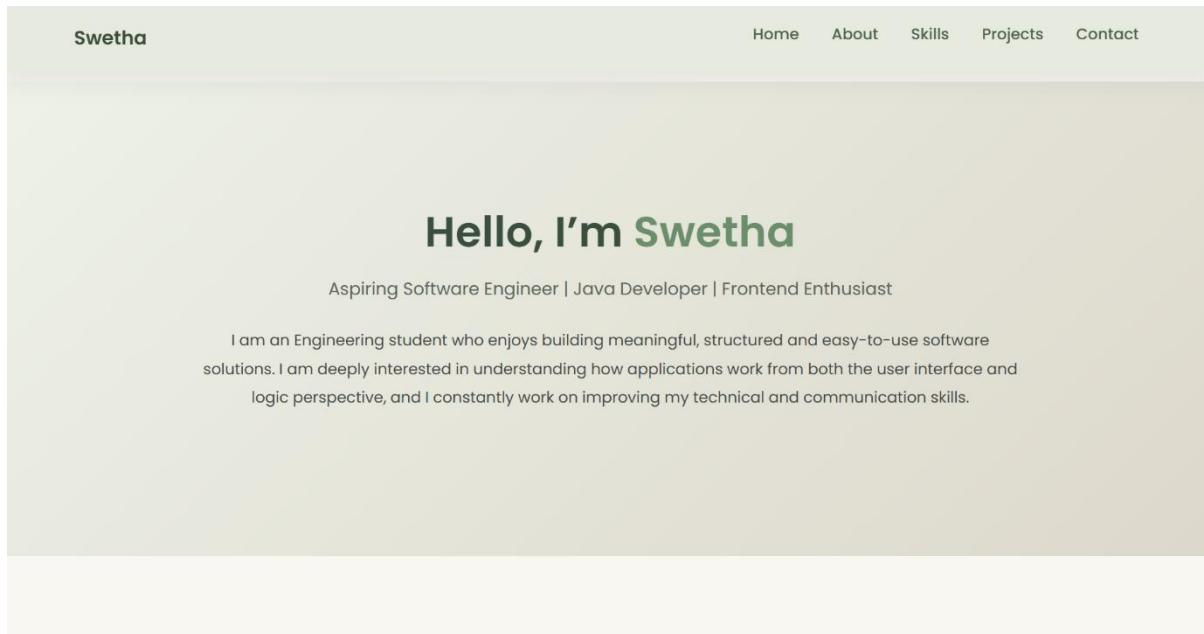
- Home
- About
- Skills
- Projects
- Contact

A light green and beige earthy color theme is implemented to give the website a calm, elegant, and professional appearance.

This design approach focuses on readability, visual comfort, and a modern aesthetic, making the website suitable for academic, internship, and professional portfolio use.

The layout is fully responsive and mobile-friendly, ensuring a consistent user experience across desktops, tablets, and mobile devices.

Screenshots:



Home page

Projects



Student Management System

Java | MySQL | JDBC

A database-driven application to manage student records digitally, reducing manual effort and improving data accuracy.

- CRUD operations
- Database connectivity
- Efficient record management



Animal Rescue & Adoption Management

Java | MySQL

Developed to support animal welfare organizations by tracking rescue and adoption records in a structured manner.

- Rescue tracking
- Adoption management
- Database-backed system

Projects section

Skills & Competencies

Frontend Development

Proficient in building responsive and structured web interfaces using HTML, CSS, Bootstrap, and JavaScript with focus on clean UI.

85%

Java Programming

Strong understanding of object-oriented programming concepts and experience in logic-based Java applications.

80%

Database Management

Knowledge of MySQL, relational tables, queries, and maintaining data integrity in applications.

75%

English Communication

Clear spoken and written communication, presentations, and confident explanation of technical concepts.

70%

Skills section

About Me

I am currently pursuing my undergraduate degree in Information Technology. Throughout my academic journey, I have developed a strong interest in software development, particularly in Java programming and frontend web technologies.

I enjoy working on projects that solve real-world problems. My learning approach involves understanding concepts deeply, implementing them practically, and continuously improving my code quality and design thinking.

In addition to technical skills, I strongly believe that communication plays a vital role in engineering. I actively work on improving my English communication skills, presentation abilities, and confidence while explaining technical ideas.

My goal is to become a well-rounded software engineer who not only writes correct code but also builds applications that are understandable, maintainable, and user-friendly.

About section

Code snippets:

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <title>Swetha| Aspiring Software Engineer</title>
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<!-- Google Font -->
```

```
  <link
```

```
    href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap"
```

```
    rel="stylesheet">
```

```
<!-- Bootstrap -->
```

```
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
```

```
<!-- Custom CSS -->
```

```
  <link rel="stylesheet" href="style.css">
```

```
</head>

<body>

<nav class="navbar navbar-expand-lg fixed-top earthy-navbar">

  <div class="container">
    <a class="navbar-brand" href="#">Swetha</a>

    <button class="navbar-toggler" data-bs-toggle="collapse" data-bs-target="#mainNav">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="mainNav">
      <ul class="navbar-nav ms-auto">
        <li class="nav-item"><a class="nav-link" href="#hero">Home</a></li>
        <li class="nav-item"><a class="nav-link" href="#about">About</a></li>
        <li class="nav-item"><a class="nav-link" href="#skills">Skills</a></li>
        <li class="nav-item"><a class="nav-link" href="#projects">Projects</a></li>
        <li class="nav-item"><a class="nav-link" href="#contact">Contact</a></li>
      </ul>
    </div>
  </div>
</nav>
```