Assignment 02 Personal Portfolio Website

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Index Number : FC222027

Registration Number: FC115655

Course Code : CSE2033

Course Name : Web Technologies

GitHub repository link

https://github.com/kavinda9/my_portfolio.git

GitHub Page Hosted Website Link

https://kavinda9.github.io/my_portfolio/

index.html (html code)

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Portfolio</title>
 <link rel="stylesheet" href="style.css">
 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/6.4.0/css/all.min.css">
 <script src="https://cdn.jsdelivr.net/npm/typed.js@2.0.12"></script>
<body>
<nav class="navbar">
  <a href="#home" class="nav-brand">Kavinda Hasaranga</a>
 <div class="hamburger">
   <i class="fas fa-bars"></i></i>
  </div>
  <a href="#home" class="active">Home</a>
   <a href="#about">About</a>
   <a href="#about" onclick="showTab('education-tab')">Education</a>
   <a href="#about" onclick="showTab('certificates')">Activities</a>
   <a href="#about" onclick="showTab('experience')">Achievements</a>
   <a href="#projects">Projects</a>
   <a href="#contact">Contact</a>
 </nav>
<section id="home" class="intro">
 <img src="image01.jpg" alt="Profile Photo" class="profile-photo">
 <h1>Hello, I'm <span id="typed-text"></span></h1>
 <div class="button-group">
  <a href="#contact" class="btn hire-btn">Contact Me</a>
 <a href="cv.pdf" class="btn download-btn" download>Download CV</a>
 </div>
</section>
<section id="about" class="about-section">
<div class="about-container">
  <div class="about-image">
   <img src="image03.jpg" alt="Workspace">
  </div>
  <div class="about-text">
```

```
<h2>About Me</h2>
      I'm currently studying Software Engineering at the University of Sri
Jayewardenepura (USJ).
      Although I'm still in the early stages of my
      academic journey and haven't done many major projects yet, I'm
      really excited to keep learning and improving. I've always been
      interested in programming and technology, and I enjoy exploring new
      things and solving problems. I'm working on building up my skills
      through coursework, personal projects, and any hands on experience
      I can get. I'm especially looking forward to discovering which areas of
      software engineering I enjoy the most and using what I learn to build
      real, useful things.
    <div class="tabs">
      <button class="tab active" data-tab="skills">Skills</button>
      <button class="tab" data-tab="education-tab">Education/button>
      <button class="tab" data-tab="certificates">Activities/button>
      <button class="tab" data-tab="experience">Achievements/button>
    </div>
  <div class="tab-content active" id="skills-content">
    <div class="skills-grid">
      <div class="skill-item">
      <img src="html.png" alt="HTML">
      <span>HTML</span>
    </div>
    <div class="skill-item">
      <img src="css.png" alt="CSS">
      <span>CSS</span>
    </div>
    <div class="skill-item">
        <img src="js.png" alt="JS">
        <span>JS</span>
    </div>
    <div class="skill-item">
       <img src="c++.png" alt="C++">
       <span>C++</span>
    <div class="skill-item">
        <img src="java.png" alt="Java">
        <span>Java</span>
    </div>
    <div class="skill-item">
      <img src="python.png" alt="Python">
      <span>Pyton</span>
    </div>
```

```
</div>
  </div>
  <div class="tab-content" id="education-tab-content">
   <h3>Bachelor of Computing Honours in Software Engineering</h3>
   University of Sri jayewardenepura <br>(2024-2028)
   <h3>Advanced Level (Mathematics)</h3>
   D.S. Senanayake College Colombo 07 <br/>
(2020-2023)
   <h3>Ordinary Level</h3>
   Piliyandala Central College <br>(2013-2019)
  </div>
 <div class="tab-content" id="certificates-content">
  <strong>School Basketball Team Member</strong> - Played as part of the school
basketball team,
   developing teamwork, discipline, and leadership skills.
 <strong>Intern - Bank of Ceylon, Kesbewa Branch</strong> (Few Months) - Gained
experience in banking operations,
   customer service, and handling financial documents.
 </div>
 <div class="tab-content" id="experience-content">
   Completed a full-stack web application project using HTML, CSS, JavaScript, and
PHP.
   Successfully participated in a university hackathon and developed a working
prototype in 24 hours.
   Completed an online certification course in Python programming on Coursera.
 </div>
   </div>
   </div>
  </section>
<section id="projects" class="section">
 <h2 style="text-align: center; margin-bottom: 2rem;">My Projects</h2>
 <div class="projects-container">
   <div class="project-card">
     <img src="image02.png" alt="Online Pet Care Service">
     <div class="project-content">
       <h3>Online Pet Care Service
       A web-based platform that allows pet parents to browse and purchase pet care
products,
         earn reward points, and access exclusive discount coupons.
         Designed to offer a convenient and joyful shopping experience for pet
lovers.
     </div>
```

```
</div>
   <div class="project-card">
     <img src="image04.jpg" alt="Department Events Calendar">
     <div class="project-content">
       <h3>Department Events Calendar</h3>
       A web-based system designed to manage and display upcoming events,
         meetings, and important dates related to a specific department. It allows
staff, faculty,
         and students to stay informed and organized by viewing, adding, and tracking
departmental
         events in a centralized calendar interface.
   </div>
   <div class="project-card">
     <img src="image05.jpg" alt="Online Hotel Room Booking System">
     <div class="project-content">
       <h3>Online Hotel Room Booking System</h3>
       An online platform that allows users to search, view, and book hotel rooms
based on availability,
         location, and preferences. The system provides real-time room availability,
booking confirmation,
         customer registration, and payment integration.
         It aims to simplify the hotel reservation process for both customers and hotel
administrators.
     </div>
   </div>
 </div>
 light);">
 To view more projects, go to
 <a href="https://github.com/kavinda9" target="_blank" style="color: var(--primary-</pre>
color); text-decoration: underline;">
   GitHub
 </a>.
</section>
<section id="contact" class="section contact-section">
 <div class="contact-container">
   <div class="contact-info">
     <h2>Let's Connect</h2>
       I'm actively looking for job opportunities and always open to connecting!
       Whether you have a question, a collaboration idea, or just want to say hi! <br>
       Feel free to reach out. My inbox is always open.
     <div class="social-icons">
       <a href="https://github.com/kavinda9" target="_blank">
```

```
<img src="github.png" alt="GitHub" />
        </a>
        <a href="https://www.linkedin.com/in/kavinda-hasaranga-1152b930a"</pre>
target="_blank">
          <img src="linkedin.jpg" alt="LinkedIn" />
        </a>
        <a href="https://wa.me/94767379371" target="_blank">
          <img src="whatsapp.png" alt="Whatsapp" />
        </a>
        <a href="mailto:kavindahasaranga2003@gmail.com" target="_blank">
          <img src="gmail.png" alt="Gmail" />
        </a>
      </div>
    </div>
    <div class="contact-form">
      <form action="https://formspree.io/f/xanbwnrk" method="POST">
        <label for="email">Your email</label>
        <input type="email" id="email" name="email" placeholder="name@gmail.com"</pre>
required>
        <label for="subject">Subject</label>
        <input type="text" id="subject" name="subject" placeholder="Say Hi!" required>
        <label for="message">Message</label>
        <textarea id="message" name="message" rows="5" placeholder="Let's talk about..."</pre>
required></textarea>
        <button type="submit">Send Message</button>
      </form>
    </div>
 </div>
</section>
<footer class="py-3 bg-dark text-white text-center">
  <div class="container">
    <small>&copy; 2025 Kavinda Hasaranga. All rights reserved./small>
  </div>
</footer>
<script src="script.js"></script>
</body>
</html>
```

style.css (css code)

```
:root {
 --primary-color: gold;
 --secondary-color: orange;
 --bg-color: #111;
 --nav-color: gray;
 --nav-text: black;
 --text-color: #fff;
 --text-light: #ddd;
 --card-bg: #222;
 --nav-bg:
                   var(--nav-color, gray);
                   var(--nav-text, black);
 --nav-text:
                   var(--primary-color, gold);
 --nav-hover:
 --panel-width:
                   260px;
 --panel-top:
                   70px;
 --transition:
                   0.35s ease;
 --backdrop-color: rgba(0,0,0,0.4);
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
 background-color: var(--bg-color);
 color: var(--text-color);
 line-height: 1.6;
 padding-top: 70px; /* Offset for fixed navbar */
.navbar {
 display: flex;
 justify-content: space-between;
 align-items: center;
 background-color: var(--nav-color);
 padding: 1rem 5%;
 width: 100%;
 position: fixed;
 top: 0;
 z-index: 1000;
 box-shadow: 0 2px 10px rgba(0, 0, 0, 0.3);
.nav-brand {
 font-size: 1.5rem;
```

```
font-weight: 700;
 color: var(--nav-text);
 text-decoration: none;
.nav-menu {
 display: flex;
 list-style: none;
 gap: 1.5rem;
.nav-menu li {
 position: relative;
.nav-menu li:not(:last-child)::after {
 position: absolute;
 right: -0.75rem;
 color: var(--nav-text);
.nav-menu li a {
 padding: 0.5rem 0;
 color: var(--nav-text);
 text-decoration: none;
 font-weight: 500;
 transition: all 0.3s ease;
.nav-menu li a:hover {
 color: var(--nav-text);
.nav-menu li a.active {
 color: var(--nav-text);
 padding: 0.5rem 1rem;
 border-radius: 4px;
.nav-menu li:last-child::after {
 display: none;
.intro {
 min-height: 80vh;
 display: flex;
 flex-direction: column;
 justify-content: center;
 align-items: center;
 text-align: center;
 padding: 2rem;
```

```
background: linear-gradient(rgba(0, 0, 0, 0.7), rgba(0, 0, 0, 0.7)),
 url('office.jpg') center/cover no-repeat;
.profile-photo {
 width: 200px;
 height: 200px;
 border-radius: 50%;
 object-fit: cover;
 border: 5px solid var(--primary-color);
 box-shadow: 0 0 20px rgba(255, 215, 0, 0.5);
 margin-bottom: 2rem;
.intro h1 {
 font-size: 3rem;
 margin-bottom: 1.5rem;
.intro h1 span {
 color: var(--secondary-color);
.cv-button {
 display: inline-block;
 padding: 0.8rem 2rem;
 background-color: transparent;
 color: var(--primary-color);
 text-decoration: none;
 border-radius: 30px;
 font-weight: 600;
 margin-top: 2rem;
 transition: all 0.3s;
 border: 2px solid var(--primary-color);
 box-shadow: 0 0 15px rgba(255, 215, 0, 0.3);
.cv-button:hover {
 background-color: var(--primary-color);
 color: var(--bg-color);
 transform: translateY(-3px);
 box-shadow: 0 0 25px rgba(255, 215, 0, 0.6);
.about-section {
 display: flex;
 padding: 5rem 10%;
 gap: 3rem;
 background-color: var(--card-bg);
about-image {
```

```
flex: 1;
.about-image img {
 width: 100%;
 border-radius: 10px;
 box-shadow: 0 5px 20px rgba(0, 0, 0, 0.3);
.about-text {
 flex: 1;
.about-text h2 {
 font-size: 2.5rem;
 margin-bottom: 1.5rem;
 color: var(--primary-color);
.about-text p {
 margin-bottom: 2rem;
 color: var(--text-light);
.tabs {
 display: flex;
 gap: 1.5rem;
 margin-bottom: 2rem;
 border-bottom: 1px solid #444;
.tab {
 padding: 0.8rem 1.5rem;
 background: none;
 border: none;
 cursor: pointer;
 font-weight: 600;
 color: var(--text-light);
 position: relative;
 transition: color 0.3s;
.tab.active {
 color: var(--primary-color);
.tab.active::after {
 content: '';
 position: absolute;
 Left: 0;
 width: 100%;
```

```
height: 3px;
 background-color: var(--primary-color);
.tab-content {
 display: none;
 animation: fadeIn 0.5s ease;
.tab-content.active {
 display: block;
.skills-grid {
 display: grid;
 grid-template-columns: repeat(auto-fill, minmax(120px, 1fr));
 gap: 1.5rem;
.skill-item {
 display: flex;
 flex-direction: column;
 align-items: center;
 padding: 1.5rem;
 background-color: rgba(255, 255, 255, 0.05);
 border-radius: 8px;
 transition: all 0.3s;
 border: 1px solid rgba(255, 215, 0, 0.2);
.skill-item img {
 width: 70px;
 height: 70px;
 margin-bottom: 0.8rem;
 transition: transform 0.3s ease;
 filter: none;
.skill-item:hover img {
 transform: scale(1.5);
 filter: drop-shadow(0 0 8px rgba(255, 215, 0, 0.7));
.skill-item span {
 font-weight: 500;
 color: var(--text-color);
.section {
 padding: 5rem 10%;
```

```
min-height: 100vh;
@keyframes fadeIn {
 from { opacity: 0; transform: translateY(10px); }
 to { opacity: 1; transform: translateY(0); }
@media (max-width: 992px) {
 .about-section {
   flex-direction: column;
   padding: 3rem 5%;
 .skills-grid {
   grid-template-columns: repeat(3, 1fr);
@media (max-width: 768px) {
 .nav-menu {
   display: none;
 .intro h1 {
   font-size: 2.5rem;
 .skills-grid {
   grid-template-columns: repeat(2, 1fr);
@media (max-width: 576px) {
 .intro h1 {
   font-size: 2rem;
 .profile-photo {
   width: 150px;
   height: 150px;
 .tabs {
   flex-wrap: wrap;
 .skills-grid {
   grid-template-columns: 1fr;
```

```
min-height: 100vh;
 padding: 6rem 10%;
.about-container {
 display: flex;
 gap: 3rem;
.tab-content {
 display: none;
.tab-content.active {
 display: block;
 animation: fadeIn 0.5s ease;
@keyframes fadeIn {
 from { opacity: 0; }
 to { opacity: 1; }
.button-group {
 display: flex;
 gap: 20px;
 margin-top: 2rem;
 justify-content: center;
 flex-wrap: wrap;
.btn {
 padding: 0.8rem 2rem;
 border-radius: 30px;
 font-weight: 600;
 text-decoration: none;
 font-size: 1rem;
 transition: 0.3s ease;
 display: inline-block;
 box-shadow: 0 0 15px rgba(255, 165, 0, 0.2);
.hire-btn {
 background: linear-gradient(to right, var(--primary-color), var(--secondary-color));
 color: white;
 border: none;
```

```
.hire-btn:hover {
 transform: scale(1.05);
 box-shadow: 0 0 25px rgba(255, 165, 0, 0.4);
.download-btn {
 border: 2px solid var(--secondary-color);
 background-color: transparent;
 color: var(--primary-color);
.download-btn:hover {
 background-color: var(--primary-color);
 color: var(--bg-color);
 transform: scale(1.05);
 box-shadow: 0 0 25px rgba(255, 215, 0, 0.4);
.projects-container {
 display: grid;
 grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));
 gap: 2rem;
.project-card {
 background-color: #1a1a1a;
 border-radius: 12px;
 overflow: hidden;
 box-shadow: 0 8px 16px rgba(0,0,0,0.3);
 transition: transform 0.3s ease;
.project-card:hover {
 transform: translateY(-10px);
.project-card img {
 width: 100%;
 height: 200px;
 object-fit: cover;
.project-content {
 padding: 1rem;
.project-content h3 {
 color: var(--primary-color);
 font-size: 1.2rem;
 margin-bottom: 0.5rem;
project-content p {
```

```
color: var(--text-light);
 font-size: 0.95rem;
.contact-section {
 background-color: var(--bg-color);
 padding: 5rem 10%;
.contact-container {
 display: flex;
 gap: 3rem;
 flex-wrap: wrap;
.contact-info {
 flex: 1;
 min-width: 280px;
.contact-info h2 {
 font-size: 2rem;
 margin-bottom: 1rem;
 color: var(--primary-color);
.contact-info p {
 color: var(--text-light);
  line-height: 1.6;
.social-icons {
 margin-top: 1.5rem;
 display: flex;
 gap: 1rem;
.social-icons img {
 width: 40px;
 height: 40px;
 transition: transform 0.3s ease;
.social-icons img:hover {
 transform: scale(1.1);
.contact-form {
 flex: 1;
 min-width: 280px;
.contact-form form {
```

```
display: flex;
 flex-direction: column;
 gap: 1rem;
.contact-form input,
.contact-form textarea {
 padding: 0.8rem;
 border-radius: 8px;
 border: none;
 background-color: #1a1a1a;
 color: var(--text-color);
 font-size: 1rem;
.contact-form label {
 font-weight: 500;
 color: var(--text-light);
.contact-form button {
 padding: 0.8rem;
 background: linear-gradient(to right, var(--primary-color), var(--secondary-color));
 color: #000;
 border: none;
 border-radius: 8px;
 font-weight: bold;
 cursor: pointer;
 transition: 0.3s ease;
.contact-form button:hover {
 opacity: 0.9;
 background-color: #111;
 color: var(--text-light);
 padding: 2rem 0;
 text-align: center;
 border-top: 1px solid #222;
 margin-top: 4rem;
 font-size: 0.9rem;
 color: var(--text-light);
footer .social-links {
 margin-top: 1rem;
```

```
footer .social-links a {
 color: var(--text-light);
 font-size: 1.3rem;
 margin: 0 0.5rem;
 transition: color 0.3s ease;
footer .social-links a:hover {
 color: var(--primary-color);
.hamburger {
 display: none;
 font-size: 1.8rem;
 color: var(--nav-text);
 background: none;
 border: none;
 cursor: pointer;
 z-index: 1000;
 padding: 0.5rem;
@media (max-width: 768px) {
 .hamburger {
   display: block;
  .nav-menu {
   position: fixed;
   top: var(--panel-top);
   right: 0;
   width: var(--panel-width);
   height: calc(100% - var(--panel-top));
    background: var(--nav-bg);
   padding: 2rem 1.5rem;
   display: flex;
   flex-direction: column;
    transform: translateX(100%);
   transition: transform var(--transition);
   box-shadow: -2px 0 8px rgba(0,0,0,0.2);
    z-index: 950;
  .nav-menu.active {
   transform: translateX(0);
  .nav-menu li {
   width: 100%;
    text-align: center;
    padding: 0.5rem 0;
```

```
.nav-menu li::after {
   display: none;
 .nav-menu li a {
   display: block;
   padding: 0.8rem 0;
 .nav-menu ul {
 list-style: none;
 width: 100%;
 margin-top: 1rem;
.nav-menu li + li {
 margin-top: 1rem;
.nav-menu a {
 color: var(--nav-text);
 text-decoration: none;
 font-size: 1.1rem;
 padding: 0.5rem 0;
 position: relative;
 transition: color var(--transition);
.nav-menu a:hover {
 color: var(--nav-hover);
.nav-menu a::after {
 position: absolute;
 bottom: 0;
 left: 0;
 height: 2px;
 width: 0;
 background: var(--nav-hover);
 transition: width var(--transition);
.nav-menu a:hover::after {
 width: 100%;
 .nav-overlay {
 position: fixed;
 inset: 0;
 background: var(--backdrop-color);
 opacity: 0;
 visibility: hidden;
 transition: opacity var(--transition), visibility 0s linear var(--transition);
 z-index: 900;
nav-overlay.active {
```

```
opacity: 1;
visibility: visible;
transition-delay: 0s;
.about-container {
 flex-direction: column;
.about-image {
 width: 100%;
 height: 0;
 padding-bottom: 75%;
 position: relative;
 overflow: hidden;
.about-image img {
 position: absolute;
 top: 0;
 left: 0;
 width: 100%;
 height: 100%;
 object-fit: cover;
.projects-container {
 grid-template-columns: 1fr;
.project-card {
 grid-template-columns: 1fr 1.5fr;
 display: grid;
 align-items: center;
 gap: 1.5rem;
.project-card img {
 height: 100%;
 max-height: 200px;
 object-fit: cover;
.project-content {
 padding: 0;
.section, .about-section {
 padding: 3rem 5%;
 min-height: auto;
```

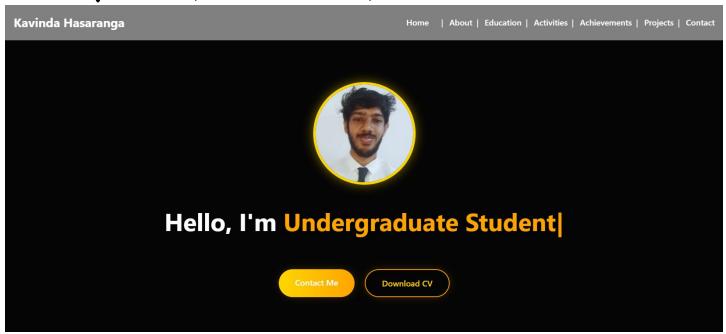
```
padding: 4rem 5% !important;
 .intro {
   padding: 4rem 2rem !important;
 .button-group {
   flex-direction: column;
   align-items: center;
@media (max-width: 480px) {
 .project-card {
   grid-template-columns: 1fr;
 .project-card img {
   max-height: 200px;
   width: 100%;
 .contact-container {
  flex-direction: column;
  gap: 2rem;
 .intro h1 {
   font-size: 2rem;
 .about-text h2 {
   font-size: 1.8rem;
 .tabs {
  flex-wrap: wrap;
 .tab {
  flex: 1;
   min-width: 120px;
   text-align: center;
   padding: 0.5rem;
```

script.js (javascript code)

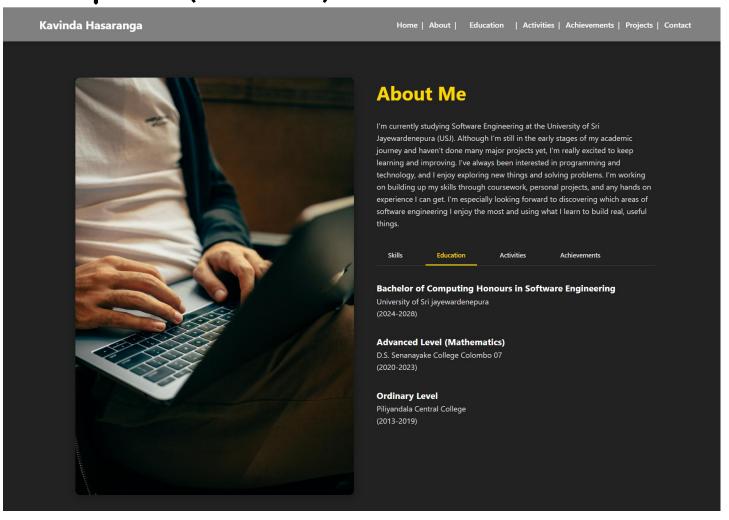
```
document.addEventListener('DOMContentLoaded', () => {
 const typed = new Typed('#typed-text', {
   strings: ['Kavinda', 'a Web Developer', 'Undergraduate Student'],
   typeSpeed: 60,
   backSpeed: 40,
   backDelay: 1500,
   loop: true,
 });
 const navLinks = document.querySelectorAll('.nav-menu a');
 const sections = document.querySelectorAll('section');
 const tabs = document.querySelectorAll('.tab');
 const tabContents = document.querySelectorAll('.tab-content');
 const hamburger = document.querySelector('.hamburger');
 const navMenu = document.querySelector('.nav-menu');
 navLinks.forEach(link => {
   link.addEventListener('click', e => {
     if (link.hasAttribute('onclick')) {
       navLinks.forEach(l => l.classList.remove('active'));
       document.querySelector('.nav-menu a[href="#about"]').classList.add('active');
     e.preventDefault();
     navLinks.forEach(l => l.classList.remove('active'));
     link.classList.add('active');
     const targetId = link.getAttribute('href');
     const targetSection = document.querySelector(targetId);
     const offset = 70; // Navbar height
     const top = targetSection.offsetTop - offset;
     window.scrollTo({ top, behavior: 'smooth' });
     navMenu.classList.remove('active');
     hamburger.innerHTML = '<i class="fas fa-bars"></i>';
   });
 });
 window.addEventListener('scroll', () => {
   const scrollPos = window.scrollY + 100;
   let current = '':
```

```
sections.forEach(sec => {
     const top = sec.offsetTop;
     const height = sec.offsetHeight;
     if (scrollPos >= top && scrollPos < top + height) {</pre>
       current = sec.getAttribute('id');
   });
   if (current === 'about') {
     const activeContent = document.querySelector('.tab-content.active');
     if (activeContent) {
       const tabId = activeContent.id.replace('-content', '');
       const subLink = document.querySelector(`.nav-menu
a[onclick="showTab('${tabId}')"]`);
       if (subLink) {
         navLinks.forEach(l => l.classList.remove('active'));
         subLink.classList.add('active');
   navLinks.forEach(link => {
     link.classList.toggle(
        'active',
       link.getAttribute('href') === `#${current}`
   });
 });
 const showTab = tabId => {
   tabs.forEach(t => t.classList.remove('active'));
   tabContents.forEach(c => c.classList.remove('active'));
   const btn = document.querySelector(`.tab[data-tab="${tabId}"]`);
   const content = document.getElementById(`${tabId}-content`);
   btn?.classList.add('active');
   content?.classList.add('active');
   const about = document.getElementById('about');
   const offset = 70;
   const top = about.offsetTop - offset;
   if (window.scrollY < top || window.scrollY > top + about.offsetHeight) {
     window.scrollTo({ top, behavior: 'smooth' });
 };
 tabs.forEach(tab =>
   tab.addEventListener('click', () => showTab(tab.dataset.tab))
 );
 hamburger.addEventListener('click', () => {
   navMenu.classList.toggle('active');
```

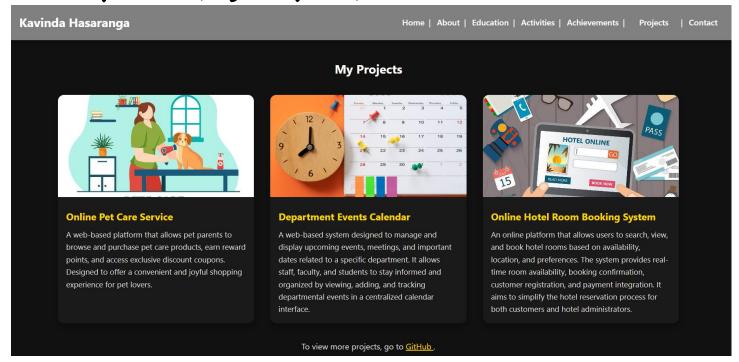
Desktop View (Home Screen)



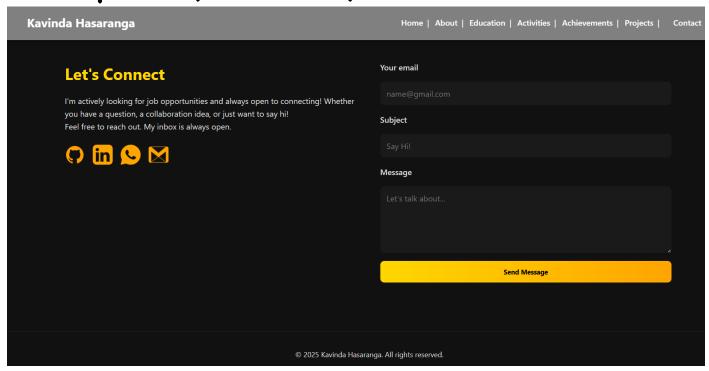
Desktop View (About Me)



Desktop View (My Projects)



Desktop View (Contact Me)



Mobile View

