Digital Portfolio

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PROJECT TITLE

➢ **Digital Portfolio**

➢ **Name: Sivapriyan VS**

➢ **BSc Computer Science, 2nd Year**

➢ **Key Skills: Java, Web Development, Creative Design**

➢ **Projects: Web apps, Wallpapers, Logos**

➢ **Contact: [Email] | [LinkedIn] | [GitHub]**

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link

PROBLEM STATEMENT

➢ *In today's digital era, traditional resumes are not enough to effectively showcase skills and projects.*

➢ *Many students and professionals lack a structured online presence to highlight their work and achievements.*

➢ *A digital portfolio offers an interactive and accessible solution to present skills, experiences, and accomplishments in a modern, engaging way.*

PROJECT OVERVIEW

➢ **Brief summary:** *This project is a digital portfolio to professionally present my background, skills, and creative work.*

➢ **Contains key sections:** *About Me, Projects, Skills, and Contact for easy navigation.*

➢ **Main idea:** *Showcase personal achievements, highlight technical expertise, and display completed projects in an organized manner.*

WHO ARE THE END USERS?

Students: *Showcase academic projects, assignments, and build resumes for further studies.*

Job Seekers: *Share skills, experience, and portfolio with recruiters and employers.*

Freelancers: *Present work samples and completed projects to attract potential clients.*

Professionals: *Highlight career achievements, expertise, and ongoing development.*

TOOLS AND TECHNIQUES

- o **HTML:** *Builds the main structure of all portfolio pages and sections.*
- o **CSS:** *Styles the portfolio with colors, layouts, and makes it responsive for all device sizes.*
- o **JavaScript:** *Adds interactivity-navigation menu, animations, and form validation.*
- o **Code Editor:** *Developed using VS Code for efficient coding.*
- o **Hosting:** *Published online using GitHub Pages for easy sharing and access.*

POTFOLIO DESIGN AND LAYOUT

Organized sections:

➢ *Home/About Me, Projects, Skills, Contact.*

➢ *Consistent color scheme and clean typography throughout the portfolio.*

➢ *Easy navigation bar for smooth movement between sections.*

➢ *Visual elements like icons and images for better engagement.*

➢ *Fully responsive layout optimized for both mobile and desktop devices.*

FEATURES AND FUNCTIONALITY

➢ *Navigation bar with smooth scrolling for easy access to all sections.*

➢ *Project showcase including images and detailed descriptions for each project.*

➢ *Interactive elements such as hover effects and animations to enhance user engagement.*

➢ *Contact form with validation to ensure correct and complete user input.*

➢ *Responsive design that works seamlessly on desktop, tablet, and mobile devices.*

RESULTS AND SCREENSHOTS

HTML :

```html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1">
6      <title>Personal Portfolio</title>
7      <link rel="stylesheet" href="style.css" >
8  </head>
9  <body>
10     <header>
11         <div class="container header-container">
12             <h1>Kishore D</h1>
13             <p class="subtitle">Bachelor of Science, madras University</p>
14         <button id="darkModeToggle">🌙</button>
15         </div>
16     </header>
17     <nav>
18         <ul class="nav-links">
19             <li><a href="#about" class="nav-link active">About</a></li>
20             <li><a href="#skills" class="nav-link">Skills</a></li>
21             <li><a href="#projects" class="nav-link">Projects</a></li>
22             <li><a href="#contact" class="nav-link">Contact</a></li>
23         </ul>
24     </nav>
25     <main>
26         <section class="welcome-section">
27             <h1>Welcome!</h1>
28         <section id="about" class="section">
29             <h2>About Me</h2>
30             <p>Hello! My name is Kishore, and I am currently a 2nd year BSc Computer Science student. I am passionate about programming,
31         </section>
32         <section id="skills" class="skills">
33             <h2>Skills</h2>
34             <ul>
35                 <li>HTML</li>
36                 <li>CSS</li>
37                 <li>JavaScript</li>
```

```html
38        <li>Java</li>
39        <li>Python</li>
40      </ul>
41    </section>
42    <section id="projects">
43      <h2>Projects</h2>
44      <div class="projects">
45        <div class="project-card">
46          <h3>Portfolio Website</h3>
47          <p>Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.</p>
48        </div>
49        <div class="project-card">
50          <h3>Java Swing Application</h3>
51          <p>Created a multi-threaded Java Swing app demonstrating GUI event handling and thread synchronization.</p>
52        </div>
53        <div class="project-card">
54          <h3>Database Management</h3>
55          <p>Designed and implemented SQL database for student record management with CRUD operations.</p>
56        </div>
57      </div>
58      <br><br><br>
59    <section class="contact-section">
60    <div class="contact-info">
61      <h2>Contact Me</h2>
62      <ul class="info-list">
63        <li>
64          <span class="icon">&#9993;</span>
65          <a href="mailto:kishore.d0811@gmail.com">kishore.d0811@gmail.com</a>
66        </li>
67        <li>
68          <span class="icon">&#128222;</span>
69          <span>9600279035</span>
70        </li>
71      </ul>
72      <div class="social-links">
73        <a href="https://www.facebook.com/"><i class='bx bx1-facebook'></i>
74        <a href="#"><i class="fab fa-instagram"></i></a>
75        <a href="#"><i class="fab fa-linkedin-in"></i></a>
76      </div>
77      <button class="contact-btn">Contact Me</button>
78    </div>
79    <form class="contact-form" id="contactForm">
80      <input type="text" name="name" placeholder="Your Name" required />
81      <input type="email" name="email" placeholder="Your Email" required />
82      <textarea name="message" placeholder="Your Message" required></textarea>
83      <button type="submit" class="submit-btn">Submit</button>
84      <div class="form-result" id="formResult"></div>
85    </form>
86  </section>
87    </section>
88  </main>
89  <footer>
90    <p>&copy; 2025 Kishore</p>
91  </footer>
92  <script src="script.js"></script>
93  </body>
94  </html>
```

CSS :

```css
body {
  font-family: 'Arial', sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f9f9f9;
  color: #333;
  transition: background-color 0.3s ease, color 0.3s ease;
}
body.dark-mode {
  background-color: #121212;
  color: #e0e0e0;
}
.container {
  max-width: 960px;
  margin: auto;
  padding: 20px;
  text-align: center;
}
.skills ul {
    list-style: none;
  padding: 0;
  display: flex;
  flex-wrap: wrap;
}
.skills li {
  background: #222;
  color: white;
  padding: 1rem 3rem;
  margin: 0.3rem;
  border-radius: 10px;
  font-size: 0.9rem;
}
header {
  background-color: #007acc;
  color: white;
  padding: 40px 20px;
  position: relative;
```

```css
}
header h1 {
  margin: 0;
  font-size: 3rem;
  letter-spacing: 2px;
}
header p {
  margin: 10px 0 0;
  font-size: 1.2rem;
}
#darkModeToggle {
  position: absolute;
  top: 20px;
  right: 20px;
  background: #004a99;
  border: none;
  color: white;
  font-size: 1.5rem;
  padding: 8px 12px;
  border-radius: 6px;
  cursor: pointer;
  transition: background 0.3s ease;
}
#darkModeToggle:hover {
  background: #003366;
}
nav {
  background-color: #004a99;
}
.nav-links {
  list-style: none;
  display: flex;
  justify-content: center;
  margin: 0;
  padding: 12px 0;
}
```

```css
.nav-links li {
  margin: 0 15px;
}
.nav-links a {
  color: white;
  text-decoration: none;
  font-weight: bold;
  font-size: 1.1rem;
  padding: 6px 10px;
  border-radius: 4px;
  transition: background-color 0.3s ease;
}
.nav-links a:hover,
.nav-links a.active {
  background-color: #007acc;
}
main {
  max-width: 800px;
  margin: 40px auto;
  padding: 0 20px;
}
.welcome-section {
    flex: 2;
}
.welcome-section h1 {
  font-size: 2.8em;
  margin: 0 0 22px 0;
  color: #929292;
  font-weight: bold;
}
.section {
  margin-bottom: 60px;
}
.section h2 {
  font-size: 2rem;
  margin-bottom: 15px;
  border-bottom: 3px solid #007acc;
```

```css
    display: inline-block;
    padding-bottom: 5px;
}
.section ul {
    list-style-type: disc;
    padding-left: 20px;
    margin-top: 10px;
}
.projects {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 1rem;
}
.project-card {
    background: #eee;
    border-radius: 6px;
    padding: 1rem;
    box-shadow: 0 0 5px rgba(0,0,0,0.1);
    transition: transform 0.3s ease;
}
.project-card:hover {
    transform: scale(1.05);
    box-shadow: 0 0 10px #222;
}
.contact-section {
    display: flex;
    justify-content: space-between;
    background: #333;
    padding: 3rem 6rem;
    color: #fff;
    gap: 4rem;
}
.contact-info {
    display: flex;
    flex-direction: column;
    max-width: 320px;
}
.contact-info h2 {
    font-size: 2rem;
    font-weight: bold;
    margin-bottom: 1.2rem;
}
.info-list {
    list-style: none;
    padding: 0;
    margin-bottom: 1.2rem;
}
.info-list li {
    display: flex;
    align-items: center;
    margin-bottom: 0.8rem;
    font-size: 1.07rem;
}
.icon {
    color: #ff007b;
    font-size: 1.35rem;
    margin-right: 0.7rem;
}
.social-links {
    display: flex;
    gap: 1rem;
    margin-bottom: 1.2rem;
}
.social-links a {
    color: #fff;
    background: #1f0a29;
    padding: 0.6rem;
    border-radius: 35%;
    text-decoration: none;
    font-size: 1.15rem;
    transition: background 0.2s, color 0.2s;
}
.social-links a:hover {
    color: #fff;
}
.contact-btn {
    display: block;
    background: #ff007b;
    color: #fff;
    border: none;
    padding: 0.8rem 1.7rem;
    border-radius: 7px;
    font-size: 1rem;
    font-weight: 500;
    margin-top: 1.1rem;
    cursor: pointer;
    transition: background 0.2s, color 0.2s;
}
.contact-btn:hover {
    background: #b1005c;
}
.contact-form {
    flex: 1;
    display: flex;
    flex-direction: column;
    gap: 1.1rem;
    min-width: 320px;
}
.contact-form input,
.contact-form textarea {
    background: #232233;
    border: none;
    padding: 0.8rem 1.1rem;
    font-size: 1rem;
    border-radius: 5px;
    color: #fff;
    margin-bottom: 0.6rem;
    outline: none;
```

C:\Users\kisho\OneDrive\Desktop\nm project\images

```css
219        outline: none;
220        resize: none;
221    }
222  ∨ .contact-form button.submit-btn {
223        background: ■#ff007b;
224        color: ■#fff;
225        border: none;
226        padding: 0.8rem 1.5rem;
227        border-radius: 7px;
228        font-size: 1rem;
229        font-weight: 500;
230        cursor: pointer;
231        transition: background 0.2s, color 0.2s;
232    }
233  ∨ .contact-form button.submit-btn:hover {
234        background: ■#b1005c;
235    }
236  ∨ .form-result {
237        margin-top: 0.7rem;
238        color: ■#ff007b;
239        font-size: 1rem;
240    }
241  ∨ @media (max-width: 900px) {
242  ∨   .contact-section {
243          flex-direction: column;
244          padding: 2rem 1.2rem;
245          gap: 2.2rem;
246      }
247    }
248  ∨ footer {
249        text-align: center;
250        padding: 20px 0;
251        background-color: ■#f4f4f4;
252        color: ■#666;
253    }
```

JavaScript :

```javascript
const darkToggle = document.getElementById('darkModeToggle');
const body = document.body;

darkToggle.addEventListener('click', () => {
  body.classList.toggle('dark-mode');
  if (body.classList.contains('dark-mode')) {
    localStorage.setItem('theme', 'dark');
  } else {
    localStorage.setItem('theme', 'light');
  }
});

window.addEventListener('DOMContentLoaded', () => {
  const savedTheme = localStorage.getItem('theme');
  if(savedTheme === 'dark') {
    body.classList.add('dark-mode');
  }
});

const form = document.getElementById('contact-form');
const formMessage = document.getElementById('form-message');

form.addEventListener('submit', (e) => {
  e.preventDefault();

  const name = form.name.value.trim();
  const email = form.email.value.trim();
  const message = form.message.value.trim();

  if(name.length < 2) {
    formMessage.style.color = 'red';
    formMessage.textContent = 'Name must be at least 2 characters.';
    return;
  }

  const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
  if(!emailRegex.test(email)) {
    formMessage.style.color = 'red';
    formMessage.textContent = 'Please enter a valid email.';
    return;
  }

  if(message.length < 10) {
    formMessage.style.color = 'red';
    formMessage.textContent = 'Message must be at least 10 characters.';
    return;
  }

  formMessage.style.color = 'green';
  formMessage.textContent = 'Message sent successfully! Thank you.';
  form.reset();
})
```

Navigation :

Sivapriyan VS

Bachelor of Science, madras University

About Me :

Welcome!

About Me

Hello! My name is sivapriyan, and I am currently a 2nd year BSc Computer Science student. I am passionate about programming, algorithms, and building innovative software solutions.

Skills :

Skills

HTML   CSS   JavaScript   Java   Python

Projects :

Projects

Portfolio Website

Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.

Java Swing Application

Created a multi-threaded Java Swing app demonstrating GUI event handling and thread synchronization.
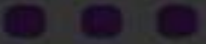
Database Management

Designed and implemented SQL database for student record management with CRUD operations.

Contact Me :

Footer :

CONCLUSION

Highlights of Your Project:

➢ *Integrates both technical (coding, web development) and creative (design, wallpapers, logos) projects in a single portfolio.*

➢ *Features a user-friendly, visually attractive layout for easy navigation and engagement.*

➢ *Provides interactive elements like clickable project links and external profiles for deeper exploration.*

Final Summary:

➢ *Demonstrates a holistic approach to personal branding and self-presentation in the digital age.*

➢ *Offers a comprehensive record of skills, achievements, and creative growth beyond traditional resumes.*

➢ *Acts as a dynamic platform adaptable for academic, professional, and creative opportunities.*

Benefits to Society:

➢ *Encourages students and professionals to showcase their real skills and passion authentically.*

➢ *Fosters inspiration and knowledge sharing among peers, educators, and professionals.*

➢ *Helps bridge the gap between talent and opportunity, supporting career growth and collaboration.*