



Digital Portfolio

STUDENT NAME : Ranjith kumar V

REGISTER NO AND NMID : asunm1453222407655

DEPARTMENT : *BSc Computer Science*

COLLEGE : Vel Tech Ranga Sanku Arts College / University of Madras

PROJECT TITLE

★ Digital Portfolio

★ Name: Ranjith Kumar v

★ 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



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

```
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>
```



```

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:

```
1 body {
2   font-family: 'Arial', sans-serif;
3   margin: 0;
4   padding: 0;
5   background-color: #f9f9f9;
6   color: #333;
7   transition: background-color 0.3s ease, color 0.3s ease;
8 }
9 body.dark-mode {
10  background-color: #121212;
11  color: #e0e0e0;
12 }
13 .container {
14  max-width: 960px;
15  margin: auto;
16  padding: 20px;
17  text-align: center;
18 }
19 .skills ul {
20  list-style: none;
21  padding: 0;
22  display: flex;
23  flex-wrap: wrap;
24 }
25 .skills li {
26  background: #222;
27  color: white;
28  padding: 1rem 3rem;
29  margin: 0.3rem;
30  border-radius: 10px;
31  font-size: 0.9rem;
32 }
33 header {
34  background-color: #007acc;
35  color: white;
36  padding: 40px 20px;
37  position: relative;
```

```
38 }
39 header h1 {
40   margin: 0;
41   font-size: 3rem;
42   letter-spacing: 2px;
43 }
44 header p {
45   margin: 10px 0 0;
46   font-size: 1.2rem;
47 }
48 #darkModeToggle {
49   position: absolute;
50   top: 20px;
51   right: 20px;
52   background: #004a99;
53   border: none;
54   color: white;
55   font-size: 1.5rem;
56   padding: 8px 12px;
57   border-radius: 6px;
58   cursor: pointer;
59   transition: background 0.3s ease;
60 }
61 #darkModeToggle:hover {
62   background: #003366;
63 }
64 nav {
65   background-color: #004a99;
66 }
67 .nav-links {
68   list-style: none;
69   display: flex;
70   justify-content: center;
71   margin: 0;
72   padding: 12px 0;
73 }
```

```
74 .nav-links li {
75   margin: 0 15px;
76 }
77 .nav-links a {
78   color: white;
79   text-decoration: none;
80   font-weight: bold;
81   font-size: 1.1rem;
82   padding: 6px 10px;
83   border-radius: 4px;
84   transition: background-color 0.3s ease;
85 }
86 .nav-links a:hover,
87 .nav-links a.active {
88   background-color: #007acc;
89 }
90 main {
91   max-width: 800px;
92   margin: 40px auto;
93   padding: 0 20px;
94 }
95 .welcome-section {
96   flex: 2;
97 }
98 .welcome-section h1 {
99   font-size: 2.8em;
100  margin: 0 0 22px 0;
101  color: #929292;
102  font-weight: bold;
103 }
104 .section {
105   margin-bottom: 60px;
106 }
107 .section h2 {
108   font-size: 2rem;
109   margin-bottom: 15px;
110   border-bottom: 3px solid #007acc;
```

```

111 display: inline-block;
112 padding-bottom: 5px;
113 }
114 .section ul {
115   list-style-type: disc;
116   padding-left: 20px;
117   margin-top: 10px;
118 }
119 .projects {
120   display: grid;
121   grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
122   gap: 1rem;
123 }
124 .project-card {
125   background: #eee;
126   border-radius: 6px;
127   padding: 1rem;
128   box-shadow: 0 0 5px rgba(0,0,0,0.1);
129   transition: transform 0.3s ease;
130 }
131 .project-card:hover {
132   transform: scale(1.05);
133   box-shadow: 0 0 10px #222;
134 }
135 .contact-section {
136   display: flex;
137   justify-content: space-between;
138   background: #333;
139   padding: 3rem 6rem;
140   color: #fff;
141   gap: 4rem;
142 }
143 .contact-info {
144   display: flex;
145   flex-direction: column;
146   max-width: 320px;

```

```

147 }
148 .contact-info h2 {
149   font-size: 2rem;
150   font-weight: bold;
151   margin-bottom: 1.2rem;
152 }
153 .info-list {
154   list-style: none;
155   padding: 0;
156   margin-bottom: 1.2rem;
157 }
158 .info-list li {
159   display: flex;
160   align-items: center;
161   margin-bottom: 0.8rem;
162   font-size: 1.07rem;
163 }
164 .icon {
165   color: #ff007b;
166   font-size: 1.35rem;
167   margin-right: 0.7rem;
168 }
169 .social-links {
170   display: flex;
171   gap: 1rem;
172   margin-bottom: 1.2rem;
173 }
174 .social-links a {
175   color: #fff;
176   background: #1f0a29;
177   padding: 0.6rem;
178   border-radius: 35%;
179   text-decoration: none;
180   font-size: 1.15rem;
181   transition: background 0.2s, color 0.2s;
182 }

```

```

183 .social-links a:hover {
184   color: #fff;
185 }
186 }
187 .contact-btn {
188   display: block;
189   background: #ff007b;
190   color: #fff;
191   border: none;
192   padding: 0.8rem 1.7rem;
193   border-radius: 7px;
194   font-size: 1rem;
195   font-weight: 500;
196   margin-top: 1.1rem;
197   cursor: pointer;
198   transition: background 0.2s, color 0.2s;
199 }
200 .contact-btn:hover {
201   background: #b1005c;
202 }
203 .contact-form {
204   flex: 1;
205   display: flex;
206   flex-direction: column;
207   gap: 1.1rem;
208   min-width: 320px;
209 }
210 .contact-form input,
211 .contact-form textarea {
212   background: #232233;
213   border: none;
214   padding: 0.8rem 1.1rem;
215   font-size: 1rem;
216   border-radius: 5px;
217   color: #fff;
218   margin-bottom: 0.6rem;
219   outline: none;

```

```
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 :

```
1  const darkToggle = document.getElementById('darkModeToggle');
2  const body = document.body;
3
4  darkToggle.addEventListener('click', () => {
5    body.classList.toggle('dark-mode');
6    if (body.classList.contains('dark-mode')) {
7      localStorage.setItem('theme', 'dark');
8    } else {
9      localStorage.setItem('theme', 'light');
10   }
11 });
12
13 window.addEventListener('DOMContentLoaded', () => {
14   const savedTheme = localStorage.getItem('theme');
15   if(savedTheme === 'dark') {
16     body.classList.add('dark-mode');
17   }
18 });
19
20 const form = document.getElementById('contact-form');
21 const formMessage = document.getElementById('form-message');
22
23 form.addEventListener('submit', (e) => {
24   e.preventDefault();
25
26   const name = form.name.value.trim();
27   const email = form.email.value.trim();
28   const message = form.message.value.trim();
29
30   if(name.length < 2) {
31     formMessage.style.color = 'red';
32     formMessage.textContent = 'Name must be at least 2 characters.';
33     return;
34   }
35
36   const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
37   if(!emailRegex.test(email)) {
```

```
38     formMessage.style.color = 'red';
39     formMessage.textContent = 'Please enter a valid email.';
40     return;
41   }
42
43   if(message.length < 10) {
44     formMessage.style.color = 'red';
45     formMessage.textContent = 'Message must be at least 10 characters.';
46     return;
47   }
48
49   formMessage.style.color = 'green';
50   formMessage.textContent = 'Message sent successfully! Thank you.';
51   form.reset();
52 }
```

Navigation:

Ranjith Kumar K

Bachelor of Science, madras University



About Me :

Welcome!

About Me

Hello! My name is Ranjith Kumar , 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

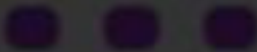
Designed and implemented SQL database for student record management with CRUD operations.

Contact Me :

Contact Me

 ranjithkumar0341@gmail.com

 63698131



Contact Me

Footer :

© 2025 Ranjith kumar

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.*





gettyimages
Credit: artvea

806923110