

A Field Project Report on

Design and Development of a Personal Portfolio

Submitted

In partial fulfillment of the requirements for the award of the degree

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE and ENGINEERING

By

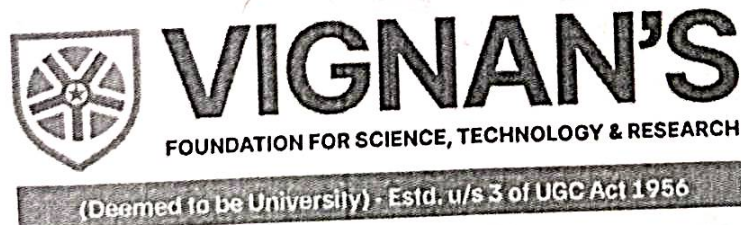
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April, 2025



(Deemed to be University) - Estd. u/s 3 of UGC Act 1956

CERTIFICATE

This is to certify that the field project entitled "*PERSONAL PORTFOLIO*" is being submitted by [M.MohanCharan], [231FA04752], [S.MohanSai], [231FA04850], [k.Jahnavi], [231FA04869], and [Kunal Singh], [231FA04G22] in partial fulfilment of the requirements for the degree of **Bachelor of Technology (B.Tech.) in Computer Science and Engineering** at Vignan's Foundation for Science, Technology and Research (Deemed to be University), Vadlamudi, Guntur District, Andhra Pradesh, India.

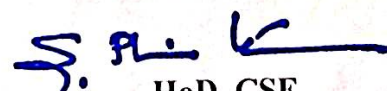
This is a bonafide work carried out by the aforementioned students under my guidance and supervision.



Guide



Project Review Committee



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DECLARATION

Date: 25-04-2025

We hereby declare that the work presented in the field project titled "PERSONAL PORTFOLIO" is the result of our own efforts and investigations.

This project is being submitted under the supervision of **Mr.T.Narasimha Rao, Assistant Professor** in partial fulfillment of the requirements for the Bachelor of Technology (B.Tech.) degree in Computer Science and Engineering at Vignan's Foundation for Science, Technology and Research (Deemed to be University), Vadlamudi, Guntur, Andhra Pradesh, India.

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1 INTRODUCTION

The project, titled "Personal Portfolio Website", is a modern web application built using core web technologies such as HTML, CSS, and JavaScript. It serves as a central hub where potential employers, collaborators, or clients can explore the creator's background, technical proficiencies, and completed projects.

The design incorporates essential sections like About Me, Experience, Skills, Projects, and Contact Information. Interactive elements such as downloadable CV buttons, social media links, and responsive navigation (including a hamburger menu for mobile devices) are also included. Furthermore, the website follows responsive design principles, ensuring that it is fully accessible across a variety of screen sizes, from desktops to mobile phones

This portfolio not only provides a professional online presence but also demonstrates the creator's capabilities in front-end development. By combining creativity with functionality, it allows the user to leave a lasting impression on visitors, recruiters, or potential business partners.

1.1 PROBLEM DEFINITION

In an increasingly competitive job market, candidates must find unique ways to stand out from the crowd. Most job seekers rely on **traditional resumes (PDFs)** or **professional networking platforms** like LinkedIn to present their qualifications. However, these methods often come with several limitations:

- **Lack of Customization and Creativity:**
A static resume or LinkedIn profile offers limited scope for creativity and personal branding. It follows a templated format that looks similar across most users.
- **Inefficient User Experience:**
Employers or clients may find it tedious to sift through multiple documents, profiles, or repositories to get a complete picture of a candidate's skills and experience.
- **Limited Engagement and Interaction:**
Traditional systems lack interactivity. There are no animations, responsive designs, or engaging UI elements that can capture the visitor's attention.
- **Fragmented Information:**
Project work is often stored on platforms like GitHub, whereas professional details are spread across resumes and social media profiles, leading to a disjointed experience for reviewers

1.2 EXISTING SYSTEM

Currently, individuals typically use:

LinkedIn profiles to share professional experiences and skills.

PDF resumes to apply for jobs.

Code repositories (e.g., GitHub) to display code samples and projects.

While these systems are standard and widely accepted, they often lack the ability to offer personal branding and customization. Moreover, they fail to provide a centralized location where all critical components—such as contact information, skills, experience, and portfolio projects.

1.3 PROPOSED SYSTEM

The proposed system is a personal portfolio website with the following features:

- **Responsive Design:** Using CSS media queries to ensure optimal viewing on all devices.
- **Smooth Navigation:** JavaScript-driven hamburger menu for mobile views.
- **Interactive Elements:** Buttons linking to downloadable CV, GitHub, LinkedIn, and contact form.
- **Professional Sections:** Including About Me, Skills, Projects, Experience, and Contact.
- **Branding:** Personalized design with custom color schemes, icons, and layout.

Technologies used:

HTML for structure.

CSS (including media queries) for styling and responsiveness.

JavaScript for interactivity (e.g., menu toggle functionality).

1.4 LITERATURE REVIEW

- **Responsive Web Design Principles (W3C, Mozilla Developer Network):** The project implements responsive web design principles through CSS media queries to ensure cross-device compatibility.
- **UI/UX Best Practices (Google Material Design, Apple Human Interface Guidelines):** The portfolio layout and interactive elements follow standard UI/UX principles, emphasizing clarity, consistency, and accessibility.
- **Modern Web Development (MDN, freeCodeCamp):** The combination of HTML, CSS, and JavaScript aligns with modern front-end development trends that prioritize simplicity, responsiveness, and performance.

2 SYSTEM REQUIREMENTS

To develop and deploy the personal portfolio website, certain hardware and software components are necessary. The system should be capable of supporting web development tools and ensuring smooth execution of the website.

2.1 HARDWARE & SOFTWARE REQUIREMENTS

Hardware Requirements

- **Processor:** Minimum Intel i3 or equivalent
- **RAM:** Minimum 4 GB (8 GB recommended)
- **Storage:** Minimum 500 MB free disk space for project files
- **Display:** 13" screen or larger with a resolution of at least 1366x768
- **Input Devices:** Standard keyboard and mouse or touchpad
- **Internet Connection:** Required for testing live demos, hosting, and using external libraries

Software Requirements

- **Operating System:** Windows 10 / macOS / Linux
- **Text Editor/IDE:** VS Code / Sublime Text / Atom
- **Web Browsers:** Google Chrome / Mozilla Firefox / Microsoft Edge
- **Version Control:** Git & GitHub (for project backup and collaboration)

Languages Used:

HTML5 (for structure)

CSS3 (for styling and responsiveness)

JavaScript (for interactivity)

Optional Tools:

Figma / Adobe XD (for UI/UX design)

Node.js (if planning to expand with backend features later)

2.2 SOFTWARE REQUIREMENT SOFTWARES (SRS)

1. Introduction

The Personal Portfolio Website aims to create a centralized platform for showcasing personal skills, projects, experience, and contact information in a professional and interactive manner.

2. Functional Requirements

- The website shall display sections like About, Experience, Projects, and Contact.
- The website shall have responsive navigation with both desktop and mobile compatibility.
- The website shall allow users to download a resume (PDF) directly.
- The website shall include interactive buttons for GitHub and LinkedIn profiles.

3. Non-Functional Requirements

- **Responsiveness:** The website must be fully responsive across devices (desktop, tablet, mobile).
- **Performance:** The website should load within 2-3 seconds on standard internet connections.
- **Usability:** The interface should be user-friendly and visually appealing.
- **Portability:** The system should run on all modern browsers (Chrome, Firefox, Edge).

4. System Features

- Hamburger menu for mobile view using JavaScript.
- Smooth scrolling between sections.
- Custom styling using CSS3 and media queries.
- Integration of icons and images for an enhanced user interface.

5. Constraints

- Static website with no server-side scripting.
- Limited to client-side technologies (HTML, CSS, JS).
- External resources (fonts, icons) depend on CDN availability.

3 SYSTEM DESIGN

The system design outlines how the personal portfolio website is structured, both visually and functionally. It focuses on the layout of components and how users will interact with the website.

The design includes:

- A responsive layout suitable for both desktop and mobile users.
- Clear navigation between major sections.
- Consistent design patterns for buttons, icons, and typography.
- JavaScript functionality for dynamic elements like the hamburger menu.

The design approach follows **modular development**, separating each section (About, Experience, Projects, Contact) to ensure easy maintenance and scalability.

3.1 MODULES OF SYSTEM

The personal portfolio website is divided into the following key modules:

1. Navigation Module

- Handles the header section including the desktop navigation bar and the hamburger menu for mobile devices.
- Allows smooth scrolling to different sections on click.

2. Profile Section Module

- Displays the introduction (name, role, and greeting).
- Includes buttons for downloading the CV and accessing social links.

3. About Me Module

- Contains educational background, personal introduction, and a summary of experiences and interests.

4. Skills/Experience Module

- Lists programming languages and technologies with proficiency levels.
- Presents the technical stack in a clean and categorized format.

5. Projects Module

- Displays recent projects with images, titles, and buttons linking to GitHub or live demos.

6. Contact Module

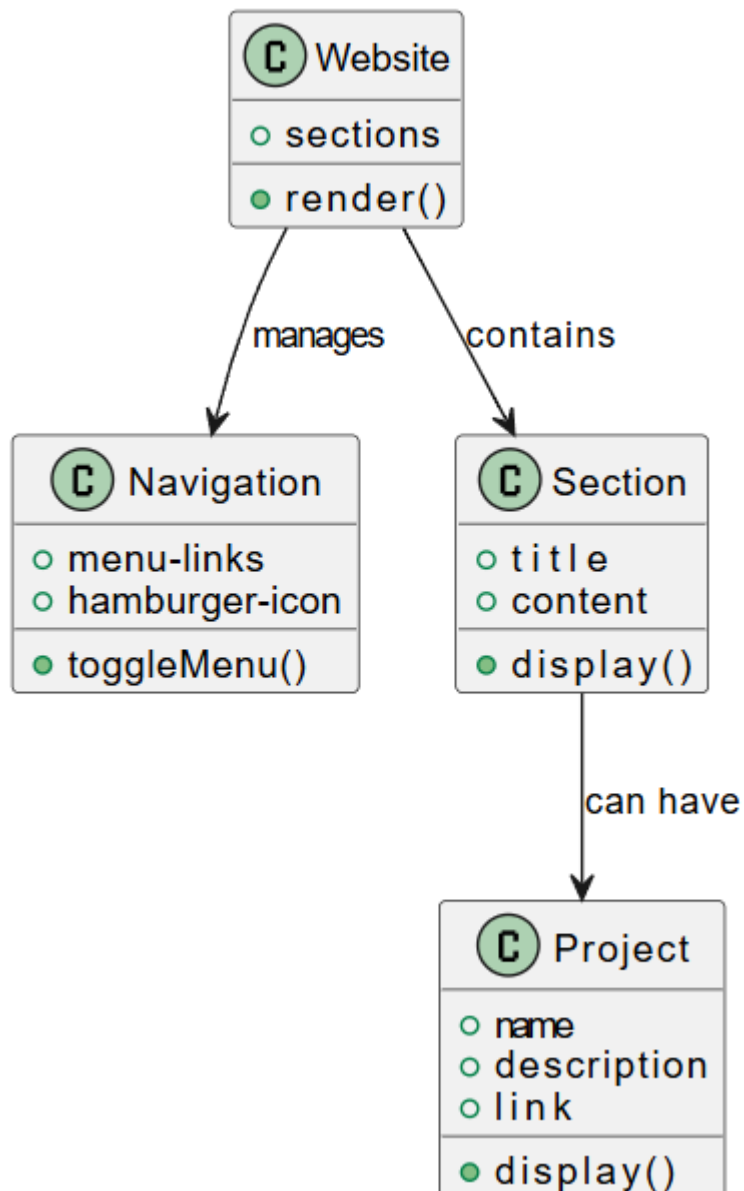
- Contains contact details (email, LinkedIn) and icons.
- Acts as a call-to-action section encouraging visitors to reach out.

7. Footer Module

- Displays quick links to navigate back to various sections.
- Ensures consistency and branding throughout the site.

3.2 UML DIAGRAMS

1. Use Case Diagram



4 IMPLEMENTATION

4.1 SAMPLE CODE

HTML

```
<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta http-equiv="X-UA-Compatible" content="IE=edge" />

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

    <title>My Portfolio</title>

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

    <link rel="stylesheet" href="mediaqueries.css" />

  </head>

  <body>

    <nav id="desktop-nav">

      <div class="logo">kunal kumar</div>

      <div>

        <ul class="nav-links">

          <li><a href="#about">About</a></li>

          <li><a href="#experience">Experience</a></li>

          <li><a href="#projects">Projects</a></li>

          <li><a href="#contact">Contact</a></li>

        </ul>

      </div>

    </nav>

    <nav id="hamburger-nav">

      <div class="logo">Kunal kumar</div>

      <div class="hamburger-menu">
```

```

<div class="hamburger-icon" onclick="toggleMenu()">
    <span></span>
    <span></span>
    <span></span>
</div>
<div class="menu-links">
    <li><a href="#about" onclick="toggleMenu()">About</a></li>
    <li><a href="#experience" onclick="toggleMenu()">Experience</a></li>
    <li><a href="#projects" onclick="toggleMenu()">Projects</a></li>
    <li><a href="#contact" onclick="toggleMenu()">Contact</a></li>
</div>
</div>
</nav>
<section id="profile">
    <div class="section__pic-container">
        
    </div>
    <div class="section__text">
        <p class="section__text__p1">Hello, I'm</p>
        <h1 class="title">Kunal </h1>
        <p class="section__text__p2">Software Development Engineer</p>
        <div class="btn-container">
            <button
                class="btn btn-color-2"
                onclick="window.open('./assets/resume.pdf')"
            >
                Download CV
            </button>
            <button class="btn btn-color-1" onclick="location.href='./#contact'">
                Contact Info
            </button>
        </div>
    </div>
</section>

```

```
</button>

</div>

<div id="socials-container">

</div>

</div>

</section>

<section id="about">

  <p class="section__text__p1">Get To Know More</p>

  <h1 class="title">About Me</h1>

  <div class="section-container">

    <div class="section__pic-container">

    </div>

    <div class="about-details-container">
```

```
<div class="about-containers">
  <div class="details-container">
    
    <h3>Experience</h3>
    <p>Fresher <br />Software Development Engineer</p>
  </div>
```

```
<div class="details-container">
  
  <h3>Education</h3>
  <p>B.Tech in CSE <br />2023 - 2027</p>
</div>
```

```
</div>
```

```
<div class="text-container">
```

```
<p>
```

Welcome to my portfolio! I am a passionate and motivated Computer Science student,

eager to begin my career as a Software Development Engineer.

Throughout my academic journey, I have acquired strong programming skills, problem-solving abilities, and hands-on experience in software development.

```
</p>
```

```
</div>
```

```
</div>
```



```

</div>



</section>

<section id="experience">
  <p class="section__text__p1">Explore My</p>
  <h1 class="title">Skills</h1>
  <div class="experience-details-container">
    <div class="about-containers">
      <div class="details-container">
        <h2 class="experience-sub-title">Languages</h2>
        <div class="article-container">
          <article>
            
            <div>
              <h3>HTML</h3>
              <p>Intermediate</p>
            </div>
          </article>
          <article>
            

  <div>

    <h3>CSS</h3>

    <p>Intermediate</p>

  </div>
</article>

<article>

  <div>

    <h3>Java Script</h3>

    <p>Intermediate</p>

  </div>
</article>

<article>

  <div>

    <h3>Java</h3>

    <p>Intermediate</p>

  </div>
</article>

```

```

<article>

  <div>

    <h3>c++</h3>

    <p>Intermediate</p>

  </div>

</article>

<article>

  <div>

    <h3>Python</h3>

    <p>Basice</p>

  </div>

</article>

</div>

</div>

<div class="details-container">

  <h2 class="experience-sub-title">Technologies</h2>

  <div class="article-container">

    <article>

  <div>

    <h3>MySQL</h3>

    <p>Intermediate</p>

  </div>
</article>

<article>

  <div>

    <h3>Spring boot</h3>

    <p>Basic</p>

  </div>
</article>

<article>

  <div>

    <h3>Mongo db</h3>

    <p>Basic</p>

  </div>
</article>

```

```

<article>

  <div>

    <h3>Git</h3>

    <p>Intermediate</p>

  </div>

</article>

</div>

</div>

</div>

</div>



</section>

<section id="projects">

  <p class="section__text__p1">Browse My Recent</p>

  <h1 class="title">Projects</h1>

  <div class="experience-details-container">

    <div class="about-containers">

      <div class="details-container color-container">

        <div class="article-container">

          
</div>
<h2 class="experience-sub-title project-title">Project One</h2>
<div class="btn-container">
  <button
    class="btn btn-color-2 project-btn"
    onclick="location.href='https://github.com/'"
  >
    Github
  </button>
  <button
    class="btn btn-color-2 project-btn"
    onclick="location.href='https://github.com/'"
  >
    Live Demo
  </button>
</div>
</div>
<div class="details-container color-container">
  <div class="article-container">
    
  </div>
  <h2 class="experience-sub-title project-title">Project Two</h2>

```



```

<div class="btn-container">

  <button

    class="btn btn-color-2 project-btn"

    onclick="location.href='https://github.com/'"

  >

    Github

  </button>

  <button

    class="btn btn-color-2 project-btn"

    onclick="location.href='https://github.com/'"

  >

    Live Demo

  </button>

</div>

</div>

<div class="details-container color-container">

  <div class="article-container">

  </div>

  <h2 class="experience-sub-title project-title">Project Three</h2>

  <div class="btn-container">

    <button

      class="btn btn-color-2 project-btn"

      onclick="location.href='https://github.com/'"

    >

      Github

```

```

</button>

<button
  class="btn btn-color-2 project-btn"
  onclick="location.href='https://github.com/'"
>
  Live Demo
</button>
</div>
</div>
</div>
</div>

</section>
<section id="contact">
  <p class="section__text__p1">Get in Touch</p>
  <h1 class="title">Contact Me</h1>
  <div class="contact-info-upper-container">
    <div class="contact-info-container">
      
      <p><a href="mailto:examplemail@gmail.com">kunal8931@gmail.com</a></p>
    </div>
  </div>

```

```

<div class="contact-info-container">

  <p><a href="https://www.linkedin.com/in/kunal8931/">LinkedIn</a></p>

</div>

</div>

</section>

<footer>

  <nav>

    <div class="nav-links-container">

      <ul class="nav-links">

        <li><a href="#about">About</a></li>

        <li><a href="#experience">Experience</a></li>

        <li><a href="#projects">Projects</a></li>

        <li><a href="#contact">Contact</a></li>

      </ul>

    </div>

  </nav>

</footer>

<script src="script.js"></script>

</body>

</html>

```

CSS

```
/* GENERAL */
```

```
@import
url("https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=sw
ap");
```

```
* {
    margin: 0;
    padding: 0;
}
```

```
body {
    font-family: "Poppins", sans-serif;
}
```

```
html {
    scroll-behavior: smooth;
}
```

```
p {
    color: rgb(85, 85, 85);
}
```

```
/* TRANSITION */
```

```
a,
.btn {
    transition: all 300ms ease;
}
```

```
/* DESKTOP NAV */
```

```
nav,  
.nav-links {  
  display: flex;  
}  
  
nav {  
  justify-content: space-around;  
  align-items: center;  
  height: 17vh;  
}  
  
.nav-links {  
  gap: 2rem;  
  list-style: none;  
  font-size: 1.5rem;  
}  
  
a {  
  color: black;  
  text-decoration: none;  
  text-decoration-color: white;  
}  
  
a:hover {  
  color: grey;  
  text-decoration: underline;  
  text-decoration-color: white;  
  text-decoration-offset: 1px;  
}
```

```
.logo {  
  font-size: 2rem;  
}  
  
.logo:hover {  
  cursor: default;  
}  
  
/* HAMBURGER MENU */  
  
#hamburger-nav {  
  display: none;  
}  
  
.hamburger-menu {  
  position: relative;  
  display: inline-block;  
}  
  
.hamburger-icon {  
  display: flex;  
  flex-direction: column;  
  justify-content: space-between;  
  height: 24px;  
  width: 30px;  
  cursor: pointer;  
}  
  
.hamburger-icon span {  
  width: 100%;
```



```
height: 2px;  
background-color: black;  
transition: all 0.3 ease-in-out;  
}
```

```
.menu-links {  
  position: absolute;  
  top: 100%;  
  right: 0;  
  background-color: white;  
  width: fit-content;  
  max-height: 0;  
  overflow: hidden;  
  transition: all 0.3 ease-in-out;  
}
```

```
.menu-links a {  
  display: block;  
  padding: 10px;  
  text-align: center;  
  font-size: 1.5rem;  
  color: black;  
  text-decoration: none;  
  transition: all 0.3 ease-in-out;  
}
```

```
.menu-links li {  
  list-style: none;  
}
```

```
.menu-links.open {  
    max-height: 300px;  
}
```

```
.hamburger-icon.open span:first-child {  
    transform: rotate(45deg) translate(10px, 5px);  
}
```

```
.hamburger-icon.open span:nth-child(2) {  
    opacity: 0;  
}
```

```
.hamburger-icon.open span:last-child {  
    transform: rotate(-45deg) translate(10px, -5px);  
}
```

```
.hamburger-icon span:first-child {  
    transform: none;  
}
```

```
.hamburger-icon span:first-child {  
    opacity: 1;  
}
```

```
.hamburger-icon span:first-child {  
    transform: none;  
}
```

```
/* SECTIONS */
```

```
section {  
  padding-top: 4vh;  
  height: 96vh;  
  margin: 0 10rem;  
  box-sizing: border-box;  
  min-height: fit-content;  
}  
  
.section-container {  
  display: flex;  
}  
  
/* PROFILE SECTION */  
  
#profile {  
  display: flex;  
  justify-content: center;  
  gap: 5rem;  
  height: 80vh;  
}  
  
.section__pic-container {  
  display: flex;  
  height: 400px;  
  width: 400px;  
  margin: auto 0;  
}  
  
.section__text {  
  align-self: center;
```

```
text-align: center;
}
```

```
.section__text p {
  font-weight: 600;
}
```

```
.section__text__p1 {
  text-align: center;
}
```

```
.section__text__p2 {
  font-size: 1.75rem;
  margin-bottom: 1rem;
}
```

```
.title {
  font-size: 3rem;
  text-align: center;
}
```

```
#socials-container {
  display: flex;
  justify-content: center;
  margin-top: 1rem;
  gap: 1rem;
}
```

```
/* ICONS */
```

```

.icon {
  cursor: pointer;
  height: 2rem;
}

/* BUTTONS */

.btn-container {
  display: flex;
  justify-content: center;
  gap: 1rem;
}

.btn {
  font-weight: 600;
  transition: all 300ms ease;
  padding: 1rem;
  width: 8rem;
  border-radius: 2rem;
}

.btn-color-1,
.btn-color-2 {
  border: rgb(53, 53, 53) 0.1rem solid;
}

.btn-color-1:hover,
.btn-color-2:hover {
  cursor: pointer;
}

```

```

.btn-color-1,
.btn-color-2:hover {
  background: rgb(53, 53, 53);
  color: white;
}

.btn-color-1:hover {
  background: rgb(0, 0, 0);
}

.btn-color-2 {
  background: none;
}

.btn-color-2:hover {
  border: rgb(255, 255, 255) 0.1rem solid;
}

.btn-container {
  gap: 1rem;
}

/* ABOUT SECTION */

#about {
  position: relative;
}

.about-containers {

```



```

    gap: 2rem;
    margin-bottom: 2rem;
    margin-top: 2rem;
}

.about-details-container {
    justify-content: center;
    flex-direction: column;
}

.about-containers,
.about-details-container {
    display: flex;
}

.about-pic {
    border-radius: 2rem;
}

.arrow {
    position: absolute;
    right: -5rem;
    bottom: 2.5rem;
}

.details-container {
    padding: 1.5rem;
    flex: 1;
    background: white;
    border-radius: 2rem;

```

```
border: rgb(53, 53, 53) 0.1rem solid;
border-color: rgb(163, 163, 163);
text-align: center;
}
```

```
.section-container {
  gap: 4rem;
  height: 80%;
}
```

```
.section__pic-container {
  height: 400px;
  width: 400px;
  margin: auto 0;
}
```

```
/* EXPERIENCE SECTION */
```

```
#experience {
  position: relative;
}
```

```
.experience-sub-title {
  color: rgb(85, 85, 85);
  font-weight: 600;
  font-size: 1.75rem;
  margin-bottom: 2rem;
}
```

```
.experience-details-container {
```

```

display: flex;
justify-content: center;
flex-direction: column;
}

.article-container {
display: flex;
text-align: initial;
flex-wrap: wrap;
flex-direction: row;
gap: 2.5rem;
justify-content: space-around;
}

article {
display: flex;
width: 10rem;
justify-content: space-around;
gap: 0.5rem;
}

article .icon {
cursor: default;
}

/* PROJECTS SECTION */

#projects {
position: relative;
}

```

```
.color-container {  
  border-color: rgb(163, 163, 163);  
  background: rgb(250, 250, 250);  
}
```

```
.project-img {  
  border-radius: 2rem;  
  width: 90%;  
  height: 90%;  
}
```

```
.project-title {  
  margin: 1rem;  
  color: black;  
}
```

```
.project-btn {  
  color: black;  
  border-color: rgb(163, 163, 163);  
}
```

```
/* CONTACT */
```

```
#contact {  
  display: flex;  
  justify-content: center;  
  flex-direction: column;  
  height: 70vh;  
}
```

```
.contact-info-upper-container {  
  display: flex;  
  justify-content: center;  
  border-radius: 2rem;  
  border: rgb(53, 53, 53) 0.1rem solid;  
  border-color: rgb(163, 163, 163);  
  background: (250, 250, 250);  
  margin: 2rem auto;  
  padding: 0.5rem;  
}
```

```
.contact-info-container {  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  gap: 0.5rem;  
  margin: 1rem;  
}
```

```
.contact-info-container p {  
  font-size: larger;  
}
```

```
.contact-icon {  
  cursor: default;  
}
```

```
.email-icon {  
  height: 2.5rem;
```

```
}
```

```
/* FOOTER SECTION */
```

```
footer {  
  height: 26vh;  
  margin: 0 1rem;  
}
```

```
footer p {  
  text-align: center;  
}
```

MEDIAQUERIES

```
@media screen and (max-width: 1400px) {  
  #profile {  
    height: 83vh;  
    margin-bottom: 6rem;  
  }  
  .about-containers {  
    flex-wrap: wrap;  
  }  
  #contact,  
  #projects {  
    height: fit-content;  
  }  
}
```

```
@media screen and (max-width: 1200px) {  
  #desktop-nav {  
    display: none;  
  }
```

```

}
#hamburger-nav {
    display: flex;
}
#experience,
.experience-details-container {
    margin-top: 2rem;
}
#profile,
.section-container {
    display: block;
}
.arrow {
    display: none;
}
section,
.section-container {
    height: fit-content;
}
section {
    margin: 0 5%;
}
.section__pic-container {
    width: 275px;
    height: 275px;
    margin: 0 auto 2rem;
}
.about-containers {
    margin-top: 0;
}

```

```
}
```

```
@media screen and (max-width: 600px) {
```

```
#contact,
```

```
footer {
```

```
  height: 40vh;
```

```
}
```

```
#profile {
```

```
  height: 83vh;
```

```
  margin-bottom: 0;
```

```
}
```

```
article {
```

```
  font-size: 1rem;
```

```
}
```

```
footer nav {
```

```
  height: fit-content;
```

```
  margin-bottom: 2rem;
```

```
}
```

```
.about-containers,
```

```
.contact-info-upper-container,
```

```
.btn-container {
```

```
  flex-wrap: wrap;
```

```
}
```

```
.contact-info-container {
```

```
  margin: 0;
```

```
}
```

```
.contact-info-container p,
```

```
.nav-links li a {
```

```
  font-size: 1rem;
```

```
}
```



```

.nav-links {
  flex-direction: column;
  gap: 0.5rem;
  text-align: center;
}
.section__pic-container {
  width: auto;
  height: 46vw;
  justify-content: center;
}
.section__text__p2 {
  font-size: 1.25rem;
}
.title {
  font-size: 2rem;
}
.text-container {
  text-align: justify;
}
}

```

JAVASCRIPT

```

function toggleMenu() {
  const menu = document.querySelector(".menu-links");
  const icon = document.querySelector(".hamburger-icon");
  menu.classList.toggle("open");
  icon.classList.toggle("open");
}

```

4.2 TESTCASE

Test Case	Input	Expected Output	Status
Test Navigation Links	Click on "About", "Experience"	Page scrolls smoothly to the respective section	Pass
Hamburger Menu (Mobile View)	Click hamburger icon	Toggle open/close of mobile menu links	Pass
Download CV Button	Click "Download CV" button	Opens/downloads resume.pdf	Pass
Social Icons Click	Click LinkedIn/GitHub icons	Redirects to the respective external links	Pass
Responsive Layout (Tablet/Mobile)	Resize browser window	Layout adjusts as per media queries	Pass
Contact Info Section	Click on email/LinkedIn links	Opens email client or LinkedIn profile in a new tab	Pass
Project Buttons	Click on "GitHub/Live Demo"	Redirects to project repository or live demo	Pass

4.3 RESULTS

The personal portfolio website has been successfully implemented and tested across different devices and browsers. The system meets all functional and non-functional requirements. The following results were observed:

- Fully responsive design adapting to mobile, tablet, and desktop screens.
- Smooth and functional navigation through both the standard navbar and the hamburger menu.
- Interactive buttons redirecting users to external platforms (GitHub, LinkedIn, email).
- Downloadable CV feature works as expected.
- Clean and modern UI/UX consistent with personal branding goals.

5 RESULTS

5.1 OUTPUT SCREEN

JOHN

About Experience Projects Contact



Hello, I'm

JOHN SOE

Software Development Engineer

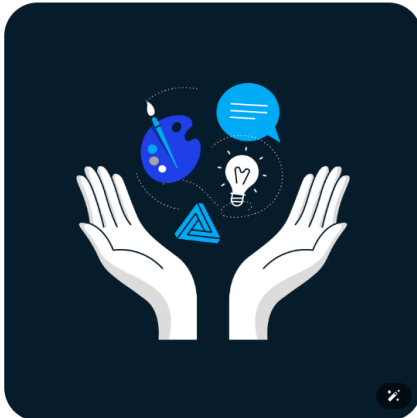
Download CV

Contact Info



Get To Know More

About Me



Experience

Fresher
Software Development
Engineer



Education

B.Tech in CSE
2023 - 2027

Welcome to my portfolio! I am a passionate and motivated Computer Science student, eager to begin my career as a Software Development Engineer. Throughout my academic journey, I have acquired strong programming skills, problem-solving abilities, and hands-on experience in software development.

Explore My

Skills

Languages

✓ **HTML**
Intermediate

✓ **CSS**
Intermediate

✓ **Java Script**
Intermediate

✓ **Java**
Intermediate

✓ **c++**
Intermediate

✓ **Python**
Basice

Technologies

✓ **MySQL**
Intermediate

✓ **Spring boot**
Basic

✓ **Mongo db**
Basic

✓ **Git**
Intermediate

Get in Touch

Contact Me



kunal8931@gmail.com



LinkedIn

About Experience Projects Contact

Browse My Recent

Projects

Project

Project One

Github

Live Demo



Project Two

Github

Live Demo



Project Three

Github

Live Demo

6 CONCLUSION

The development of this Personal Portfolio Website has successfully provided a dynamic and responsive platform to showcase personal and professional achievements. By leveraging core web technologies like HTML, CSS, and JavaScript, the website offers an engaging user experience with smooth navigation, responsive layouts, and interactive elements such as downloadable CVs and external social links.

The portfolio consolidates essential professional information, including skills, projects, experience, and contact details, into a centralized and aesthetically pleasing format. It not only enhances the online presence of the user but also acts as a practical demonstration of front-end development capabilities.

Overall, the project fulfills its objective of creating a modern and interactive platform that distinguishes the user from others who rely solely on traditional resumes or social media profiles

REFERENCES

Mozilla Developer Network (MDN) Documentation

<https://developer.mozilla.org/en-US/>

W3Schools Tutorials and References

<https://www.w3schools.com/>

CSS-Tricks (Responsive Design Patterns)

<https://css-tricks.com/>

LinkedIn Learning - Web Development Courses

<https://www.linkedin.com/learning/>

GitHub - Portfolio Inspiration and Code Samples

<https://github.com/Kunal8931/my-portfolio/tree/main/my-portfolio>

Google Fonts (Poppins Font)

<https://fonts.google.com/specimen/Poppins>

FreeCodeCamp - Responsive Web Design Certification

<https://www.freecodecamp.org/learn/>

