

**PORTFOLIO**  
**PROJECT BASED LEARNING REPORT**  
Submitted in partial fulfilment of the requirements for the award of the degree of  
**BACHELOR OF TECHNOLOGY**  
**IN**  
**COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS AND**  
**CYBERSECURITY INCLUDING BLOCKCHAIN TECHNOLOGY)**  
**BY**

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Under The Supervision  
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**DEPARTMENT OF COMPUTER SCIENCE AND DATA SCIENCE**  
**MVGR COLLEGE OF ENGINEERING (Autonomous)**  
**VIZIANAGARAM-535005, AP (INDIA)**

(Accredited by NBA, NAAC, and Permanently Affiliated to Jawaharlal  
Nehru Technological University Kakinada)

# CERTIFICATE



This is to certify that the project report entitled “Portfolio” being submitted by M. Kusuma Kumar bearing registered numbers 22331A4735 respectively, in partial fulfilment for the award of the degree of “Bachelor of Technology” in **Computer Science with IOT and Cybersecurity with Blockchain Technology** is a record of bonafide work done by them under my supervision during the academic year 2022-2026.

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**Head of the Department**  
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## ACKNOWLEDGEMENTS

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We consider it out privilege to express our deepest gratitude to **Dr. P. Satheesh**, Head of the Department for his valuable suggestions and constant motivation that greatly helped the project work to get successfully completed.

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## **ABSTRACT**

This project aims to design and develop a personal portfolio website using core web development technologies: HTML, CSS, and JavaScript. A portfolio website is an essential tool in today's professional landscape as it serves as a central hub where individuals can present their skills, projects, education, and contact details. The portfolio is fully responsive, adapting to different screen sizes and devices, and incorporates interactive features for enhanced user experience. This project not only helps in creating a professional online presence but also demonstrates a practical understanding of front-end development concepts.

## **INTRODUCTION**

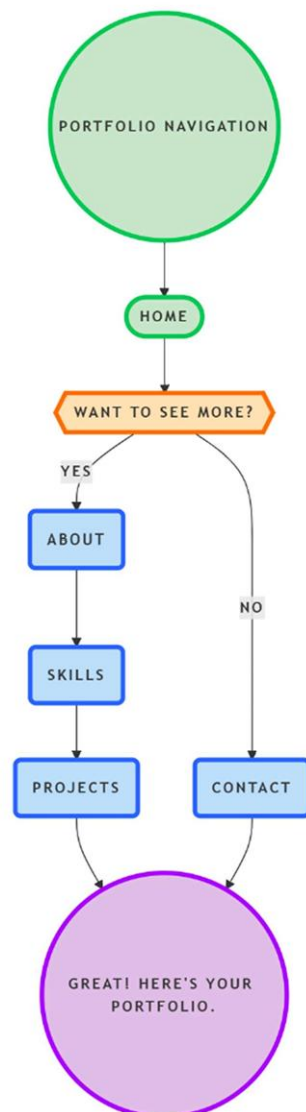
In the modern digital era, having an online presence is crucial for professionals, especially those in tech and creative fields. A personal portfolio serves multiple purposes: • It acts as an online resume. • It allows for showcasing personal and professional projects. • It provides a platform for employers or clients to easily get in touch. This project is focused on developing a personal portfolio website using HTML for structure, CSS for styling, and JavaScript for adding interactivity. The website includes sections like Home, About, Skills, Projects, Resume, and Contact. It's designed with user experience in mind, ensuring ease of navigation, mobile responsiveness, and visually appealing elements. The development process enhances knowledge in layout design, responsive frameworks, DOM manipulation, and basic client-side scripting.

## **OBJECTIVE**

The main objectives of this project include:

- Designing a modern and user-friendly portfolio interface.
- Building a responsive layout that adapts to desktops, tablets, and mobile phones.
- Showcasing skills, projects, and personal information effectively.
- Incorporating visual elements such as animations and hover effects using CSS.
- Adding JavaScript features to improve interactivity (e.g., smooth scrolling, responsive navbar, form validation).
- Creating a professional and aesthetically pleasing platform to demonstrate web development capabilities.

## FLOWCHART



## **IMPLEMENTATION**

### **HTML – Structure**

- Semantic HTML5 tags used: , , , , etc.
- Navigation bar includes links to internal sections using anchor tags
- Each section (Home, About, Skills, Projects, Contact) is clearly separated for modular design.

### **CSS – Styling**

- External CSS file for styling and modularity.
- Modern layout techniques like Flexbox and CSS Grid.
- Use of variables for colors and fonts to maintain design consistency.
- Implemented hover effects, transitions, media queries, and animations.
- Design inspired by minimalist principles with emphasis on readability and usability.

### **JavaScript – Interactivity**

- Responsive hamburger menu for mobile navigation.
- Scroll-to-section functionality.
- Scroll-triggered animations for content appearance.
- Dynamic date updates (e.g., footer copyright).
- Form validation to ensure proper input before submission.

## SOURCE CODE

### Index.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="assets/swiper-bundle.min.css" />
    <link rel="stylesheet" href="assets/newcss.css" />
    <link
      rel="stylesheet"
      href="https://unicons.iconscout.com/release/v4.0.8/css/line.css"
    />
  </head>

  <body oncontextmenu="return false">
    <header class="header" id="header">
      <nav class="nav container">
        <a href="#" class="nav__logo">Madem Kusuma Kumar</a>
        <div class="nav__menu" id="nav-menu">
          <ul class="nav__list grid">
            <li class="nav__item">
              <a href="#home" class="nav__link active-link">
                <i class="uil uil-estate nav__icon"></i>Home
              </a>
            </li>
            <li class="nav__item">
              <a href="#about" class="nav__link">
                <i class="uil uil-user nav__icon"></i>About
              </a>
            </li>
            <li class="nav__item">
              <a href="#skills" class="nav__link">
                <i class="uil uil-file-alt nav__icon"></i>Skills
              </a>
            </li>
            <li class="nav__item">
              <a href="#qualification" class="nav__link">
                <i class="uil uil-briefcase-alt nav__icon"></i>Qualification
              </a>
            </li>
            <li class="nav__item">
              <a href="#portfolio" class="nav__link">
                <i class="uil uil-scenery nav__icon"></i>Projects
              </a>
            </li>
            <li class="nav__item">
              <a href="#contact" class="nav__link">
                <i class="uil uil-message nav__icon"></i>Contact-Me
              </a>
            </li>
          </ul>
        </div>
      </nav>
    </header>
  </body>
</html>
```



```

    </ul>
    <i class="uil uil-times nav__close" id="nav-close"></i>
</div>
<div class="nav__btns">
    <!-- Theme change button -->
    <i class="uil uil-moon change-theme" id="theme-button"></i>

    <div class="nav__toggle" id="nav-toggle">
        <i class="uil uil-apps"></i>
    </div>
</div>
</nav>
</header>
<!-- main-->

<main class="main">
    <!--===== Home =====-->

    <section class="home section" id="home">
        <div class="home__container container grid">
            <div class="home__content grid">
                <div class="home__social">
                    <a
                        href="https://www.linkedin.com/in/kusumakumar1729/"
                        target="_blank"
                        class="home__social-icon"
                    >
                        <i class="uil uil-linkedin-alt home__icon"></i>
                    </a>

                    <a
                        href="https://github.com/kusumkumar1729"
                        target="_blank"
                        class="home__social-icon"
                    >
                        <i class="uil uil-github-alt home__icon"></i>
                    </a>
                </div>
                <div class="home__img">
                    <svg
                        class="home__blob"
                        viewBox="0 0 200 187"
                        xmlns="http://www.w3.org/2000/svg"
                        xmlns:xlink="http://www.w3.org/1999/xlink"
                    >

                        <image
                            class="home__blob-img"
                            x="-79"
                            y="-46"
                            xlink:href="assets/img/Pro.jpg"
                        />
                    </g>
                </svg>
            </div>
        </div>
    </section>

```

```

</div>
<div class="home__data">
  <h1 class="home__title">Hi, I'm Kusuma Kumar</h1>
  <h3 class="home__subtitle">
    Computer Science Engineering Student
  </h3>
  <p class="home__description">
    A third-year undergraduate engineering student at
    <strong>MVGR College Engineering </strong>, Vizianagaram.
  </p>
  <a href="#contact" class="button button--flex">
    Contact me<i class="uil uil-message button__icon"></i>
  </a>
</div>
</div>

<div class="home__scroll">
  <a href="#about" class="home__scroll-button button--flex">
    <i class="uil uil-mouse-alt home__scroll-mouse"></i>
    <span class="home__scroll-name">Scroll down</span>
    <i class="uil uil-arrow-down home__scroll-arrow"></i>
  </a>
</div>
</div>
</section>

<!--===== About =====-->

<section class="about section" id="about">
  <h2 class="section__title">About Me</h2>
  <span class="section__subtitle">My introduction</span>

  <div class="about__container container grid">
    

    <div class="about__data">
      <p class="about__description">
        I'm a third-year CSE undergraduate, passionate about technology and an enthusiastic learner.
        I have a self-motivated and can-do attitude, thriving in challenging and dynamic environments.
        Seeking a competitive position to enhance my skills and contribute to a professional organization. I'm
        very much passionate to learn new stuff that interests me and can help me to get better.
      </p>

      <div class="about__info">
        <div>
          <span class="about__info-title">9.20</span>
          <span class="about__info-name">Aggregate <br />CGPA</span>
        </div>

        <div>
          <span class="about__info-title">04+</span>
          <span class="about__info-name">
            >
            Projects</span>
          >
        </div>
      </div>
    </div>
  </div>

```

```

</div>

<div>
  <span class="about__info-title">01+</span>
  <span class="about__info-name">Months <br />experience</span>
</div>
</div>

<div class="about__buttons">
  <a download="" href="assets\MyCV.pdf" class="button button--flex">
    Download CV<i class="fas fa-download button__icon"></i>
  </a>
</div>
</div>
</div>
</section>

<!--===== SKILLS =====-->

<section class="skills section" id="skills">
  <h2 class="section__title">Skills</h2>
  <span class="section__subtitle">My technical level</span>

  <div class="skills__container container grid">
    <div>
      <!--===== Skill 1 =====-->
      <div class="skills__content skills__open">
        <div class="skills__header">
          <i class="fas fa-pencil-ruler skills__icon"></i>

          <div>
            <h1 class="skills__title">Programming Languages</h1>
          </div>

          <i class="uil uil-angle-down skills__arrow"></i>
        </div>

        <div class="skills__list grid">
          <div class="skills__data">
            <div class="skills__titles">
              <h3 class="skills__name">C</h3>
            </div>
          </div>

          <div class="skills__data">
            <div class="skills__titles">
              <h3 class="skills__name">Python</h3>
            </div>

            <div>
              <div class="skills__data">
                <div class="skills__titles">
                  <h3 class="skills__name">C++</h3>

```

```

        </div>

        </div>
        <div class="skills__data">
            <div class="skills__titles">
                <h3 class="skills__name">Java</h3>
            </div>

            </div>
            <div class="skills__data">
                <div class="skills__titles">
                    <h3 class="skills__name">JavaScript</h3>
                </div>
            </div>

        </div>
    </div>
</div>
</div>

    <div class="skills__data">
        <div class="skills__titles">
            <h3 class="skills__name">Flask</h3>
        </div>

    </div>
    <div class="skills__data">
        <div class="skills__titles">
            <h3 class="skills__name">BootStrap</h3>
        </div>

    </div>
</div>
</div>
</div>
</div>
</div>
</section>

<!--===== Qualifications =====-->

<section
    class="qualification__section service__section"
    id="qualification"
>
    <h2 class="section__title">Qualification</h2>
    <span class="section__subtitle">My personal journey</span>

    <div
        class="qualification__container container grid services__container"
    >
        <div class="qualification__tabs">
            <div
                class="qualification__button button--flex qualification__active"
                data-target="#education"
            >

```

```
<i class="uil uil-graduation-cap qualification__icon"></i>
Education
</div>
</div>
```

```
<div class="qualification__sections">
<!--===== Qualification Content 1 =====-->
<div
class="qualification__content qualification__active services__content"
data-content
id="education"
>
```

```
<i
class="uil uil-check-circle services__moda-icon"
></i>
```

```
<p>
Subjects studied: Science, Maths, English,
Social Studies,Telugu,Hindi.
```

```
</p>
```

```
</li>
```

```
<li class="services__modal-service">
```

```
<i
class="uil uil-check-circle services__moda-icon"
></i>
```

```
<p>Scored 100%</p>
```

```
</li>
```

```
<li class="services__modal-service">
```

```
<i
class="uil uil-check-circle services__moda-icon"
></i>
```

```
<p>Participated in Various Math Olympiad Competitions & Also in English
```

```
Clubs</p>
```

```
</li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div>
```

```
<span class="qualification__rounder"></span>
```

```
<span class="qualification__line"></span>
```

```
</div>
```

```
</div>
```

```
<!--===== Qualification 2 =====-->
```

```
<div class="qualification__data">
```

```
<div></div>
```

```
<div>
```

```
<span class="qualification__rounder"></span>
```

```
<span class="qualification__line"></span>
```

```
</div>
```

```
<div>
```

```
<h3 class="qualification__title">Class 12th</h3>
```

```

<span class="qualification__subtitle"
>Sri Chaitanya Junior College</span>
>
<div class="qualification__calender">
  <i class="uil uil-calendar-alt"></i>
  - 2022
</div>
<span
  class="button button--flex button--small button--link services__button"
>
  View More
  <i class="uil uil-arrow-right button__icon"></i>
</span>
<div class="services__modal">
  <div class="services__modal-content">
    <h4 class="services__modal-title">
      Class 12th Summary :
    </h4>
    <i class="uil uil-times services__modal-close"></i>
    <ul class="services__modal-services grid">
      <li class="services__modal-service">
        <i
          class="uil uil-check-circle services__moda-icon"
        ></i>
        <p>
          Subjects studied: Physics, Chemistry, Maths,
          English, Sanskrit.
        </p>
      </li>
      <li class="services__modal-service">
        <i
          class="uil uil-check-circle services__moda-icon"
        ></i>
        <p>Scored 89.3%</p>
      </li>
    </ul>
  </div>
</div>
</div>
</div>

<!--===== Qualification 3 =====>
<div class="qualification__data">
  <div>
    <h3 class="qualification__title">College</h3>
    <span class="qualification__subtitle"
    >Maharaj Vijayram Gajapathi raj College Enginnering, Vizianagaram</span -icon"
    ></i>
    <p>
      Studying core subjects of CSE including DSA,
      Database Management Systems, Design analysis and algorithm, Operating
      systems, and Computer architecture and organisation, Computer Networks .
    </p>
  </li>
  <li class="services__modal-service">

```



```

/*===== Colors =====*/
/* Change Favorite color */
--hue-color: 240;

/*===== HSL Color mode =====*/
--first-color: hsl(var(--hue-color), 69%, 61%);
--first-color-second: hsl(var(--hue-color), 69%, 61%);
--first-color-alt: hsl(var(--hue-color), 57%, 53%);
--first-color-lighter: hsl(var(--hue-color), 92%, 85%);
--title-color: hsl(var(--hue-color), 8%, 15%);
--text-color: hsl(var(--hue-color), 8%, 45%);
--text-color-light: hsl(var(--hue-color), 8%, 65%);
--input-color: hsl(var(--hue-color), 70%, 96%);
--body-color: hsl(var(--hue-color), 60%, 99%);
--container-color: #fff;
--scroll-bar-color: hsl(var(--hue-color), 12%, 90%);
--scroll-thumb-color: hsl(var(--hue-color), 12%, 80%);

/*===== Font and typography =====*/
--body-font: "Poppins", sans-serif;

--big-font-size: 2rem;
--h1-font-size: 1.5rem;
--h2-font-size: 1.25rem;
--h3-font-size: 1.125rem;
--normal-font-size: 0.938rem;
--small-font-size: 0.813rem;
--smaller-font-size: 0.75rem;

/*===== Font weight =====*/

--font-medium: 500;
--font-semi-bold: 600;

/*===== Margin Bottom =====*/
/* .25rem = 4px, .5rem=8px, .75rem = 12px*/
--mb-0-25: 0.25rem;
--mb-0-5: 0.5rem;
--mb-0-75: 0.75rem;
--mb-1: 1rem;
--mb-1-5: 1.5rem;
--mb-2: 2rem;
--mb-2-5: 2.5rem;
--mb-3: 3rem;

/*===== z index =====*/
--z-tooltip: 10;
--z-fixed: 100;
--z-modal: 1000;
}

```



```

/* Font Size for larger devices */
@media screen and (min-width: 968px) {
  :root {
    --big-font-size: 3rem;
    --h1-font-size: 2.25rem;
    --h2-font-size: 1.5rem;
    --h3-font-size: 1.25rem;
    --normal-font-size: 1rem;
    --small-font-size: 0.875rem;
    --smaller-font-size: 0.813rem;
  }
}

/*===== Variables Dark Theme =====*/
body.dark-theme {
  /*===== HSL Color mode =====*/

  --first-color-second: hsl(var(--hue-color), 30%, 8%);
  --title-color: hsl(var(--hue-color), 8%, 95%);
  --text-color: hsl(var(--hue-color), 8%, 75%);
  --input-color: hsl(var(--hue-color), 29%, 16%);
  --body-color: hsl(var(--hue-color), 28%, 12%);
  --container-color: hsl(var(--hue-color), 29%, 16%);
  --scroll-bar-color: hsl(var(--hue-color), 12%, 48%);
  --scroll-thumb-color: hsl(var(--hue-color), 12%, 36%);
}

/*===== Button Dark/Light =====*/
.nav__btns {
  display: flex;
  align-items: center;
}

.change-theme {
  font-size: 1.25rem;
  color: var(--title-color);
  margin-right: var(--mb-1);
  cursor: pointer;
}

.change-theme:hover {
  color: var(--first-color);
}

/*===== Base =====*/
* {
  box-sizing: border-box;
  padding: 0;
  margin: 0;
}

```

```
html {
  scroll-behavior: smooth;
}
body {
  margin: 0 0 var(--header-height) 0;
  font-family: var(--body-font);
  font-size: var(--normal-font-size);
  background-color: var(--body-color);
  color: var(--text-color);
}

h1,
h2,
h3,
h4 {
  color: var(--title-color);
  font-weight: var(--font-semi-bold);
}
ul {
  list-style: none;
}
a {
  text-decoration: none;
}
img {
  max-width: 100%;
  height: auto;
}
.section {
  padding: 2rem 0 4rem;
}
.section__title {
  font-size: var(--h1-font-size);
}

.section__subtitle {
  display: block;
  font-size: var(--small-font-size);
  margin-bottom: var(--mb-3);
}
.section__title,
.section__subtitle {
  text-align: center;
}

.container {
  max-width: 768px;
  margin-left: var(--mb-1-5);
  margin-right: var(--mb-1-5);
}
```

```

}

.grid {
  display: grid;
  gap: 1.5rem;
}

.header {
  width: 100%;
  position: fixed;
  bottom: 0;
  left: 0;
  z-index: var(--z-fixed);
  background-color: var(--body-color);
}

.nav {
  max-width: 968px;
  height: var(--header-height);
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.nav__logo,
.nav__toggle {
  color: var(--title-color);
  font-weight: var(--font-medium);
}

.nav__logo:hover {
  color: var(--first-color);
}

.nav__toggle {
  font-size: 1.1rem;
  cursor: pointer;
}

.nav__toggle:hover {
  color: var(--first-color);
}

@media screen and (max-width: 767px) {
  .nav__menu {
    position: fixed;
    bottom: -100%;
    left: 0;
    width: 100%;
    background-color: var(--body-color);
    padding: 2rem 1.5rem 4rem;
    box-shadow: 0 -1px 4px rgba(0, 0, 0, 0.15);
    border-radius: 1.5rem 1.5rem 0 0;
    transition: 0.3s;
  }
}

```

```
    }  
  }  
  .nav__list {  
    grid-template-columns: repeat(3, 1fr);  
    gap: 2rem;  
  }
```

```
.nav__link {  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  font-size: var(--small-font-size);  
  color: var(--title-color);  
  font-weight: var(--font-medium);  
}
```

```
.nav__link:hover {  
  color: var(--first-color);  
}
```

```
.nav__icon {  
  font-size: 1.2rem;  
}
```

```
.nav__icon {  
  font-size: 1.2rem;  
}
```

```
.nav__close {  
  position: absolute;  
  right: 1.3rem;  
  bottom: 0.5rem;  
  font-size: 1.5rem;  
  cursor: pointer;  
  color: var(--first-color);  
}
```

```
.nav__close:hover {  
  color: var(--first-color-alt);  
}
```

```
/* Show Menu */  
.show-menu {  
  bottom: 0;  
}
```

```
/* Active Link */  
.active-link {  
  color: var(--first-color);  
}
```

```
/* Change Background header */
```

```
.scroll-header {  
  box-shadow: 0 -1px 4px rgba(0, 0, 0, 0.15);  
}
```

```
/*=====HOME=====*/
```

```
.home__container {  
  gap: 1rem;  
}
```

```
.home__content {  
  grid-template-columns: 0.5fr 3fr;  
  padding-top: 3.5rem;  
  align-items: center;  
}
```

```
.home__social {  
  display: grid;  
  grid-template-columns: max-content;  
  row-gap: 1rem;  
}
```

```
.home__social-icon {  
  font-size: 1.05rem;  
  color: var(--first-color);  
}
```

```
.home__social-icon:hover {  
  color: var(--first-color-lighter);  
}
```

```
.home__blob {  
  width: 200px;  
  fill: var(--first-color);  
  /* fill: hsl(69, 69%, 61%); */  
}
```

```
.home__blob-img {  
  width: 215%;  
  height: 115%;  
  padding-left: 20px;  
  transform: translateY(24px)  
}
```

```
.home__data {  
  grid-column: 1/3;  
}
```

```
.home__title {  
  font-size: var(--big-font-size);  
}
```

```
.home__subtitle {  
  font-size: var(--h3-font-size);  
  color: var(--text-color);  
  font-weight: var(--font-medium);  
}
```

```

    margin-bottom: var(--mb-0-75);
}
.home__description {
    margin-bottom: var(--mb-2);
}

.portfolio__scroll {
    display: flex;
    justify-content: center;
    align-items: center;
    margin-top: 15px;
    cursor: pointer;
}
.home__scroll {
    display: none;
}
.home__scroll-button {
    color: var(--first-color);
    transition: 0.3s;
}
.home__scroll-button:hover {
    transform: translateY(0.25rem);
}
.home__scroll-mouse {
    font-size: 2rem;
}
.home__scroll-name {
    font-size: var(--small-font-size);
    color: var(--title-color);
    font-weight: var(--font-medium);
    margin-right: var(--mb-0-25);
}
.home__scroll-arrow {
    font-size: 1.25rem;
}

/*===== Buttons =====*/
.button {
    display: inline-block;
    background-color: var(--first-color);
    color: #fff;
    padding: 1rem;
    margin-bottom: 10px;
    border-radius: 0.5rem;
    font-weight: var(--font-medium);
}

.button:hover {
    background-color: var(--first-color-alt);
}

```

```

.button__icon {
  font-size: 1.25rem;
  margin-left: 0.25rem;
  transition: 0.3s;
}

.button--white {
  background-color: #fff;
  color: var(--first-color);
}

.button--white:hover {
  background-color: #fff;
}

.button--flex {
  display: inline-flex;
  align-items: center;
}

.button--small {
  padding: 0.75rem 1rem;
}

.button--link {
  padding: 0;
  background-color: transparent;
  color: var(--first-color);
}

.button--link:hover {
  background-color: transparent;
  color: var(--first-color-alt);
}

/*===== About =====*/
.about__img {
  width: 170px;
  border-radius: 500%;
  justify-self: center;
  align-self: center;
  /* border: 1px solid #fff; */
}

.about__description {
  text-align: center;
  margin-bottom: var(--mb-2-5);
}

.about__info {
  display: flex;

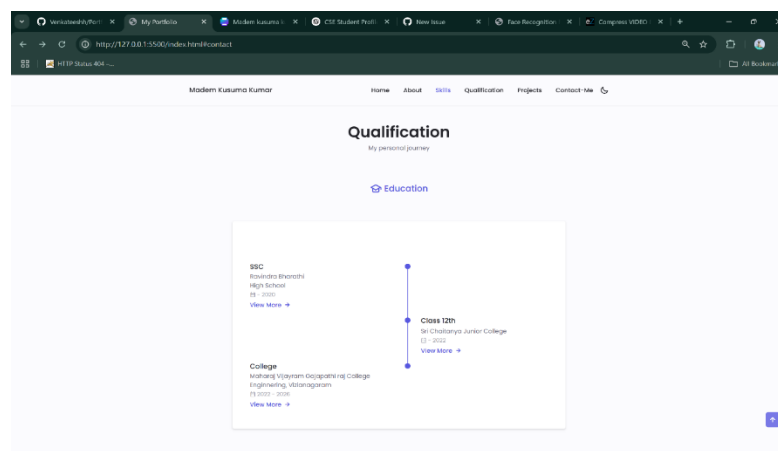
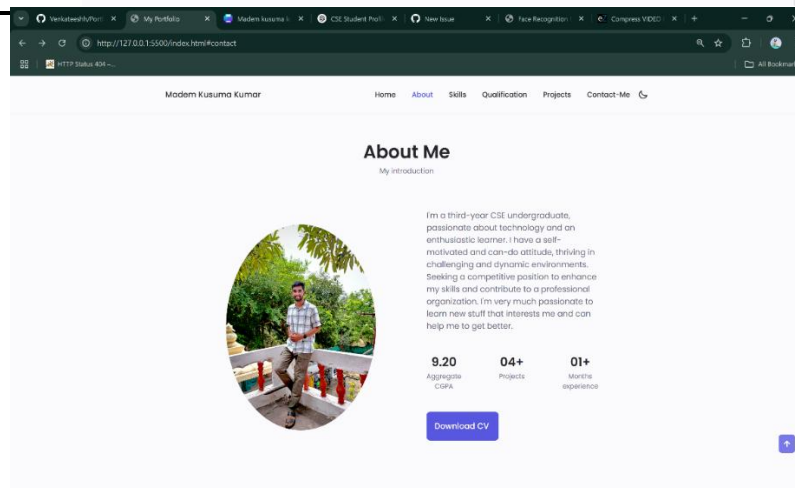
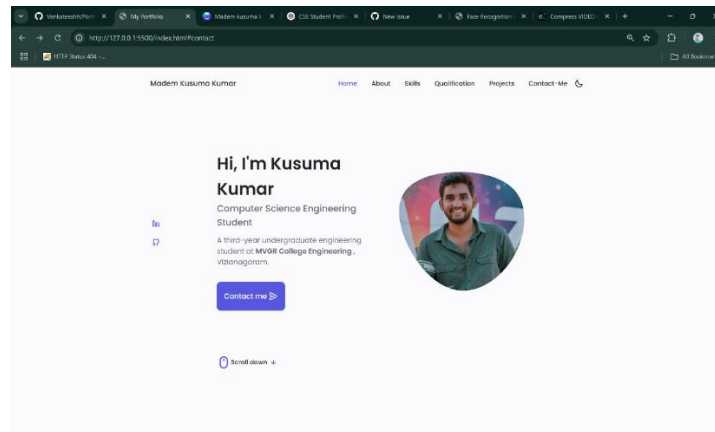
```

```

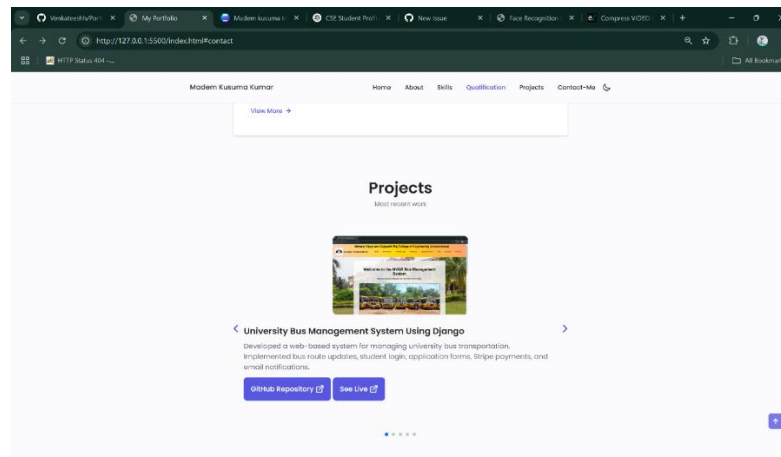
justify-content: space-evenly;
margin-bottom: var(--mb-2-5);
}

```

## Output







## **RESULT**

The outcome of this project is a fully functional, visually engaging, and mobile-responsive personal portfolio website. Key results include:

- A clean and professional interface that reflects the developer's personality and skills.
- Smooth navigation with animated transitions enhancing user interaction.
- Responsiveness across various screen sizes (mobile, tablet, desktop).
- A contact form that validates inputs and can be integrated with backend services or tools like EmailJS or Formspree (optional).
- Code quality maintained through consistent naming conventions and organized structure.

Screenshots of the final product (add if needed):

- Home Page View
- Projects Section
- Contact Form Validation
- Mobile Navigation Menu

## **CONCLUSION**

The personal portfolio website project effectively showcases the practical use of HTML, CSS, and JavaScript in building a real-world application. It reinforces the understanding of:

- Structuring web pages using semantic HTML.
- Designing attractive and responsive layouts using CSS techniques.
- Enhancing user experience with JavaScript-driven interactivity.

Additionally, this project encourages good coding practices such as separation of concerns (HTML/CSS/JS), responsive design strategies, and attention to user experience. It serves as a strong foundation for future web development work and can be extended with features such as blog integration, dark mode, or CMS integration.

## **REFERENCES**

- Mozilla Developer Network (MDN)

<https://developer.mozilla.org>

- W3Schools

<https://www.w3schools.com>

- CSS Tricks

<https://css-tricks.com>