CHITKARA UNIVERSITY

Front End Engineering-I Project

PORTFOLIO WEBSITE

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PROJECT BY: *Group 4 – Team 14*
SUBMITTED TO: *Dr. Niharika Thakur*

TABLE OF CONTENTS

1. <u>Introduction</u>

1.1. *Title***: BUILD YOUR OWN PORTFOLIO SITE**

1.2. *Team***:**
    1. Aryan Bansal (2310990303)
    2. Aryan Dhiman (2310990302)

1.3. *Overview***:**

    This project aims to create a portfolio for the job requirement.

2. <u>Problem Statement</u>

2.1. *Problem***:**

A student of Chitkara University is applying for a job, he wants to make a portfolio website for all his learnings and achievements. For this he is using HTML, CSS & JS and created an aesthetic website to achieve his dream job.

3. <u>Technical Details</u>

3.1.   Technical Details:

In this project, I have utilized a wide range of HTML tags and attributes, alongside CSS, to enhance the overall functionality and aesthetics.

I have also added a touch of JavaScript.

I have included media queries in a way that the page looks charming in all screen sizes.

The colors I have used are from Tailwind CSS docs, and are pleasing to the eyes.

A **computer enthusiast** currently rocking my studies at Chitkara University. Computers and I? We have an unbreakable bond! I love diving into the world of programming and being **creative with code**, especially when it comes to Python and front-end engineering.
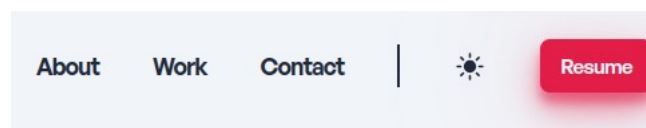
Reach Out

4. <u>Key Features</u>

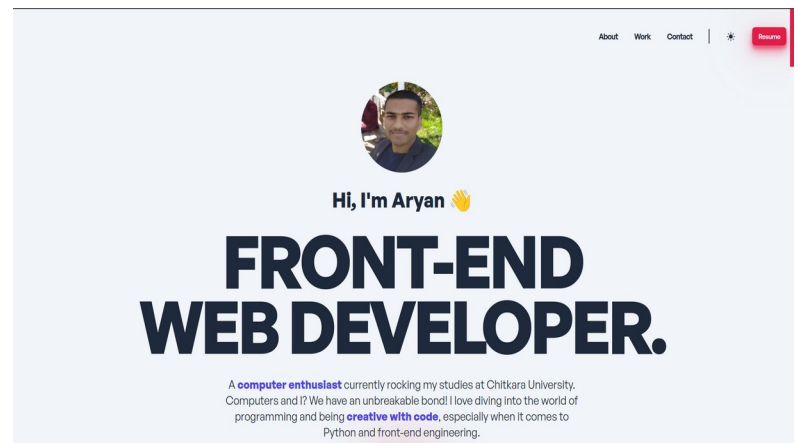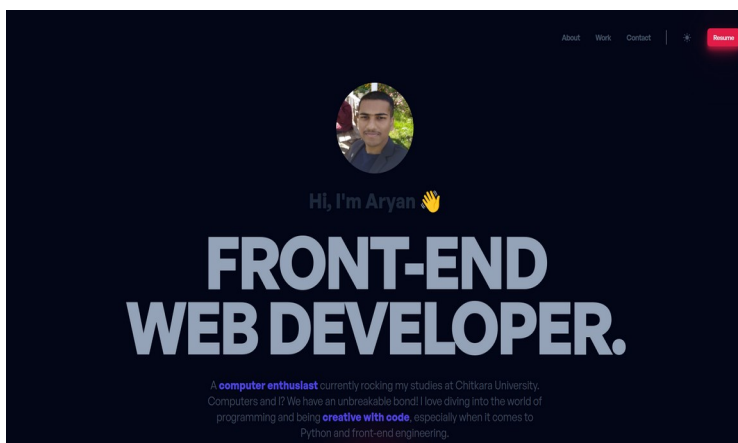**4.1.** <u>*Some important features of the website are:*</u>

4.1.1. ***I have made this using Vite framework, making it easy to build and run the developer view.***

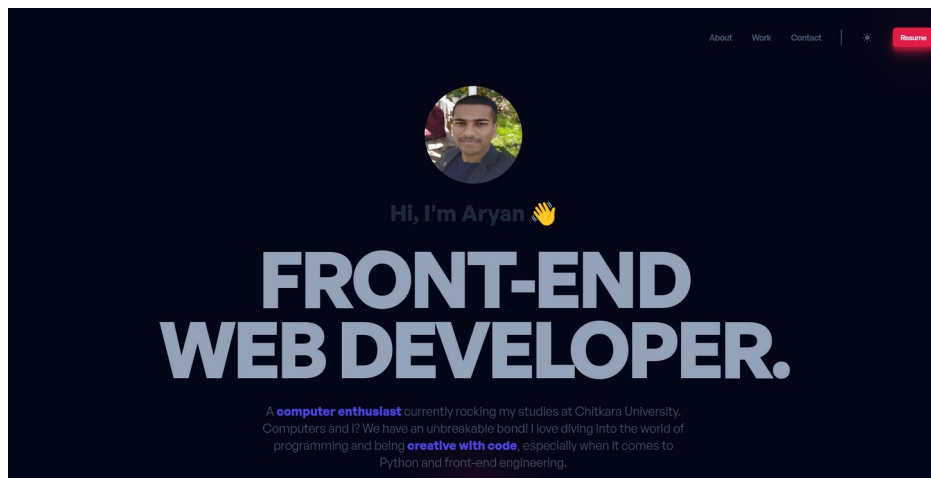**4.1.2.** ***All the necessary sections required in a portfolio are added.***

4.1.3. ***Having both dark and light mode for people with preference.***

Front End Engineering-I   **23CS002**
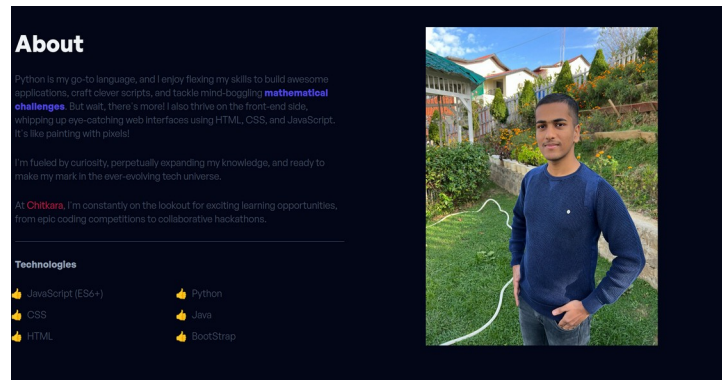
5. Project Advantages

5.1. *This project as a whole is divided in 5 sections.*

5.1.1. The home page have a header with all necessary button and then a quick introduction to my quick details.
I have highlighted things in different colors.


```html
<main>
  <section class="hero container">
    <img class="hero__img" src="/IMG_20231023_093708.jpg" alt="Prof
    <h2 class="hero__subtitle">Hi, I'm Aryan &#128075;</h2>
    <h1 class="hero__title">FRONT-END <br> WEB DEVELOPER.</h1>
    <p class="hero__description">A <strong>computer enthusiast</str
      University. Computers and I? We have an unbreakable bond! I l
      <strong>creative with code</strong>, especially when it comes
    <a class="hero__btn btn" href="https://www.linkedin.com/in/arya
  </section>
```

5.1.2. Then comes the about page with shows my detailed biography and the technologies I use in my work.


```html
<section id="about" class="about container section">
  <div class="about__content">
    <h2 class="about__title">About</h2>
    <p class="about__description">Python is my go-to language, and I enjoy flexing my skills to build awesome
      applications, craft clever scripts, and tackle mind-boggling <strong>mathematical challenges</strong>. But
      wait, there's more! I also thrive on the front-end side, whipping up eye-catching web interfaces using HTML,
      CSS, and JavaScript. It's like painting with pixels!</p>
    <p class="about__description">I'm fueled by curiosity, perpetually expanding my knowledge, and ready to make my
      mark in the ever-evolving tech universe.</p>
    <p class="about__description">At <a>Chitkara</a>, I'm constantly on the lookout for exciting learning
      opportunities, from epic coding competitions to collaborative hackathons.</p>
    <hr class="about__hr">
    <h3 class="about__subtitle">Technologies</h3>
    <div class="about__ul-container">
      <ul class="about__ul">
        <li class="about__list">JavaScript (ES6+)</li>
        <li class="about__list">CSS</li>
        <li class="about__list">HTML</li>
      </ul>
      <ul class="about__ul">
        <li class="about__list">Python</li>
        <li class="about__list">Java</li>
        <li class="about__list">BootStrap</li>
      </ul>
    </div>
  </div>
  <div class="about__img-wrapper">
    <img class="about__img lazy loading" src="https://fakeimg.pl/1200x1600" data-src="/IMG-20231101-WA0009.jpg"
      alt="Profile Picture" />
  </div>
</section>
```
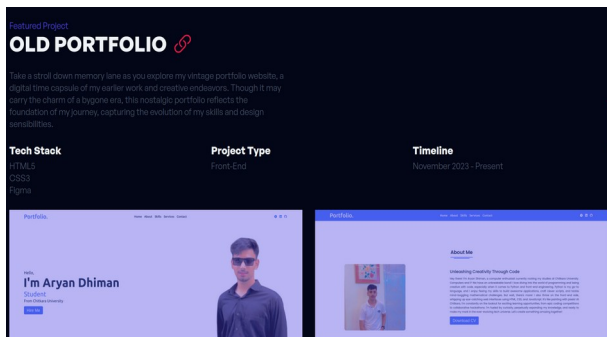
5.1.3. When you scroll further, you will find my featured project, which have a cool link icon next to it. I have also displayed the Tech Stack used in it.
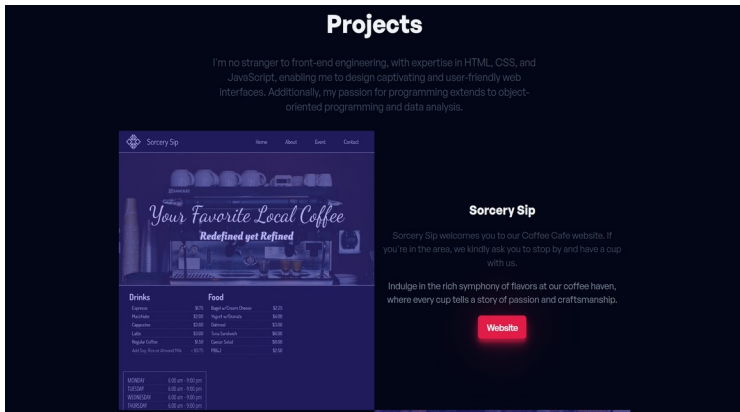


```html
<section id="featured" class="featured container section">
  <h3 class="featured__subtitle">
    Featured project
  </h3>
  <div class="featured__wrapper">
    <h2 class="featured__title">
      Old Portfolio
    </h2>
    <a class="featured__link"
      href="https://cryptocat8.github.io/front_end_engineering/html_css/Responsive%20Personal%20Por
      <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="1.5"
        stroke="currentColor">
        <path stroke-linecap="round" stroke-linejoin="round"
          d="M13.19 8.688a4.5 4.5 0 011.242 7.244l-4.5 4.5a4.5 4.5 0 01-6.364-6.364l1.757-1.757m13.
          364l-4.5 4.5a4.5 4.5 0 001.242 7.244" />
      </svg>
    </a>
  </div>
  <p class="featured__description">
    Take a stroll down memory lane as you explore my vintage portfolio website, a digital time caps
    work and creative endeavors. Though it may carry the charm of a bygone era, this nostalgic port
    the foundation of my journey, capturing the evolution of my skills and design sensibilities.
  </p>
```
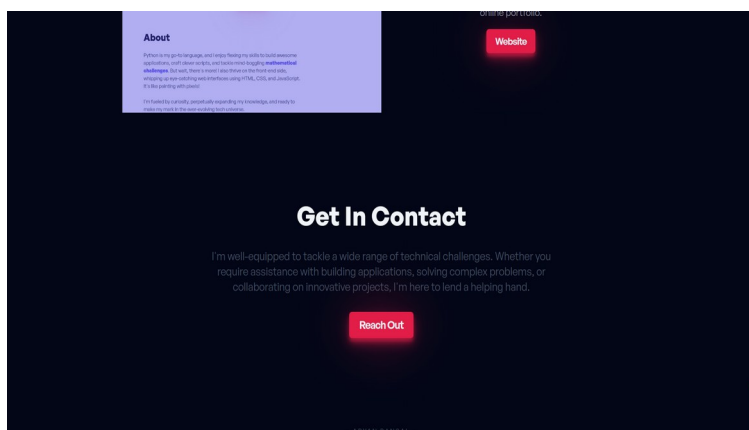
6

5.1.4. Next is the projects corner which displays all my projects with their description and a link that takes you to their website. I have also used hover effects.


```html
<section class="work container section">
  <h2 class="work__title">Projects</h2>
  <p class="work__description">I'm no stranger to front-end engineering, with expertise in HTM
    JavaScript, enabling me to design captivating and user-friendly web interfaces. Additional
    programming extends to object-oriented programming and data analysis.</p>
  <div class="work__container">
    <!-- Project 1 -->
    <h3 class="work__project-title">Sorcery Sip Website</h3>
    <div class="work__img-wrapper work__image1">
      <img class="lazy loading" src="https://fakeimg.pl/900" data-src="/home-a.png" alt="Sorce
    </div>
    <div class="work__project work__content1">
      <h3 class="work__project-subtitle">Sorcery Sip</h3>
      <p class="work__project-description1">Sorcery Sip welcomes you to our Coffee Cafe websit
        area, we kindly ask you to stop by and have a cup with us.
      </p>
      <p class="work__project-description2">Indulge in the rich symphony of flavors at our cof
        cup tells a story of passion and craftsmanship.
      </p>
      <a class="btn work__project-btn" href="https://sorcerysip.vercel.app/">Website</a>
    </div>
```

5.1.5. The last section is the Contact Me section which have my email linked to the button, making it easy for any recruiter to contact. And my name at the bottom.


```html
    <section id="contact" class="contact container section">
      <h2 class="contact__title">Get In Contact</h2>
      <p class="contact__description">
        I'm well-equipped to tackle a wide range of technical challenges. Whether you
        applications, solving complex problems, or collaborating on innovative project
        hand.
      </p>
      <a class="contact__btn btn" href="mailto:aryan0303.be23@chitkara.edu.in" target=
    </section>
  </main>

  <footer class="footer container section">
    <h3 class="footer__title">~ Aryan Bansal ~</h3>
  </footer>

  <script type="module" src="./src/main.js"></script>
</body>
```
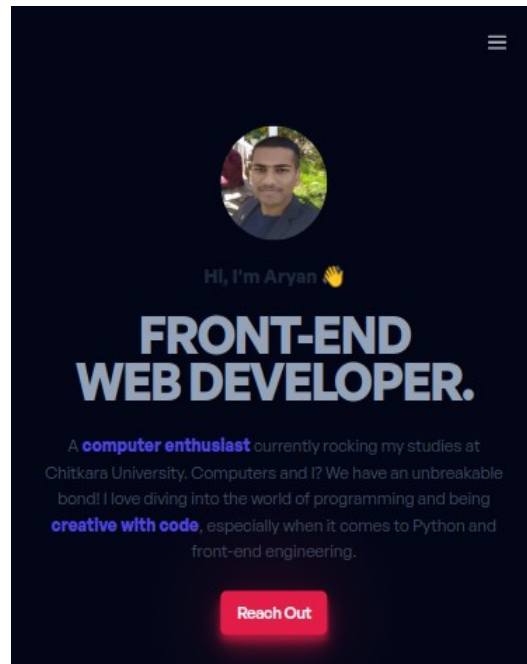
7

6. Bonus Feature

6.1.   *The website I have made is super responsive, we have taken consideration of all screen sizes and included hamburger icon using JS, for mobile screens.*

6.2.   **I have included a lazy loading that will load images only when the screen scrolls to them, improving website efficiency and also affects SEO.**

Front End Engineering-I   **23CS002**

7. <u>Conclusion</u>

7.1. **We took this project as a challenge and made everything through hit and try, we used online resources for needed tags, which enhanced our problem solving skills. The project will also help us in our real placement as this format can be used for our own real portfolio.**
It also enhanced our understanding of how to efficiently work as a team and create beautiful designs.

Front End Engineering-I   **23CS002**

8. <u>References/Links used</u>

8.1.   **https://css-tricks.com/**

8.2.   **https://tailwindcss.com/docs/customizing-colors**

8.3.   **https://api.fontshare.com/v2/css?f[]=general-sans@500,600,400,700&display=swap**

8.4.   **https://www.w3.org/2000/svg**

8.5.   **https://fakeimg.pl/1200x1600**

Front End Engineering-I   **23CS002**