Design and Development of Personal Portfolio Website

A

PROJECT REPORT

Submitted in partial fulfillment of the requirements

for the degree of

BACHELOR OF TECHNOLOGY

in

CSE- ARTIFICIAL INTELLIGENCE & DATA SCIENCE

By

GROUP NO. 07

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Under the guidance of

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Bhopal (M.P.)

June-2024

<u>CERTIFICATE</u>

I hereby certify that the work which is being presented in the B.Tech. Project Report entitled **Design and Development of Personal Portfolio Website,** in partial fulfillment of the requirements for the award of the degree of ***Bachelor of Technology*** in ***CSE-ARTIFICIAL INTELLIGENCE & DATA SCIENCE*** and submitted to the Department of *CSE-ARTIFICIAL INTELLIGENCE & DATA SCIENCE* Engineering, *Sagar Institute of Science & Technology (SISTec),* Bhopal (M.P.) is an authentic record of my own work carried out during the period from Jan-2024 to Jun-2024 under the supervision of **Ruchi Jain Assistant Professor.**

The content presented in this project has not been submitted by me for the award of any other degree elsewhere.

Signature

Aman Sahu
0187AS221007

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

Date:

Prof. Ruchi Jain	**Dr. Vasima Khan**	**Dr. D.K. Rajoriya**
ASSISTANT PROFESSOR	**HOD**	**Principal**

ABSTRACT

Introducing my personal portfolio website, a comprehensive showcase of my journey as a Full Stack Engineer. This platform serves as a gateway to my professional endeavors, encompassing a dynamic range of features tailored to provide visitors with an immersive and informative experience.

At its core, my portfolio website showcases my skills, projects, education, and certifications, meticulously organized to offer a holistic view of my expertise. From front-end finesse to back-end robustness, each section is crafted to reflect my passion for innovation and problem-solving.

Navigate through the Skills section, where a diverse array of technical proficiencies awaits. From programming languages to development frameworks, every skill listed represents years of dedication and hands-on experience, honed to perfection.

Explore my Projects, a curated collection of endeavors showcasing my creativity and technical prowess. From web applications to software solutions, each project narrates a unique story of innovation and accomplishment.

Delve into my Education, tracing the foundations of my expertise from academic pursuits to practical applications. Each milestone represents a stepping stone in my journey towards mastery and excellence.

Lastly, behold my Certifications, badges of recognition earned through rigorous training and assessment. From industry-standard accreditations to specialized endorsements, these certifications underscore my commitment to continuous learning and professional growth.

Join me on this immersive journey through Full Stack Engineering, where every pixel tells a story, and every line of code shapes the future. Welcome to my portfolio, where innovation meets execution, and the possibilities are limitless.

ACKNOWLEGMENT

We take this occasion to thank God, almighty for blessing us with his grace and taking our endeavor to a successful culmination. We extend our sincere and heartfelt thanks to our esteemed Guide, **Prof. Ruchi Jain** for providing us with the right guidance and advice at the crucial junctures and for showing us the right way.

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I am deeply inherited who devoted his precious time in giving me the information about the various aspect and gave support and guidance at every point of time. I am thankful to their kind and supportive nature. His inspiring nature has always made my work easy.

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LIST OF ABBREVIATIONS

ACRONYM	FULL FORM
HTML	Hyper Text Markup Language
CSS	Cascading Style Sheets
JS	JavaScript
RAM	Random Access Memory

CHAPTER-1
INTRODUCTION

1.1 About Project

Welcome to my personal portfolio, a showcase of Full Stack Engineering excellence. Explore curated skills, diverse projects, education milestones, and certifications. Join me as we navigate the intersections of code and creativity. Every pixel holds a story; each line shapes the future. Welcome to my portfolio, where innovation meets execution. It is developed Using HTML, CSS and JS.
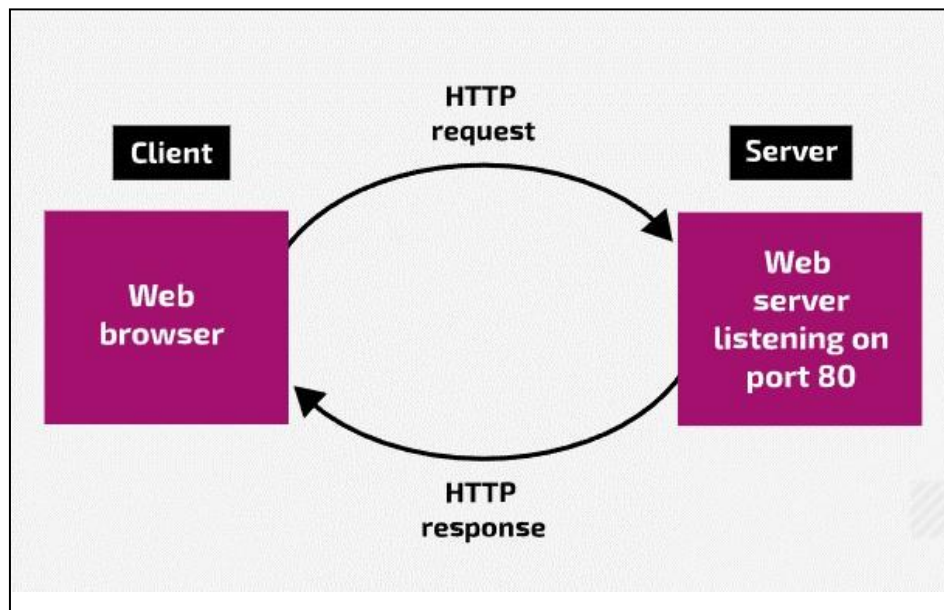
Working of Website:

Fig.1.1: Working of Website

- **Client:** End-user's device (e.g., browser).
- **Server:** Computer or system providing requested resources.
- **Request:** Message from the client asking for a resource.
- **Response:** Data or result sent back by the server.
- **Browser:** Software on the client's device, interpreting and displaying web content.

1.1.1 HTML

HTML (HyperText Markup Language) is the standard markup language used for creating web pages and web applications. It provides the structure and content of a web page by using a markup-based approach. HTML documents consist of a series of elements or tags that define the different parts of a webpage.

Here's a detailed overview of HTML:

Basic Structure:

- **<!DOCTYPE html>:** Declaration for HTML version (commonly <!DOCTYPE html> for HTML5).
- **<html>:** Root element containing all page elements.
  - **<head>:** Document information like title, CSS links, and metadata.
    - **<title>:** Specifies the webpage title.
  - **<body>:** Main content holder, including text, images, videos, and links.

Elements and Tags: HTML uses tags to define elements. Tags come in pairs (opening and closing), enclosing content. Some tags, like <br>, don't require a closing tag.

Attributes: Tags can have attributes for additional information. Attributes appear within the opening tag with values (e.g., <img src="image.jpg" alt="Description">).

1.1.2 CSS

CSS (Cascading Style Sheets) is a core web development technology that styles HTML documents, defining layout, design, and presentation. CSS (Cascading Style Sheets) is a core web development technology that styles HTML documents, defining layout, design, and presentation.

Key Concepts:

- **Selectors and Declarations:** CSS uses selectors to target HTML elements and declarations to define their appearance.
- **Syntax and Structure:** CSS rules consist of selectors and declaration blocks with properties and values.
- **Box Model:** Describes the layout of elements, including content, padding, border, and margin.

- **Units and Values:** Supports various units like pixels, percentages, etc., crucial for responsive designs.

Types of CSS:
- **Inline CSS:** Styles applied directly within HTML elements using the style attribute.
- **Internal CSS:** Styles defined within the HTML document using the <style> tag in the head section.
- **External CSS:** A separate file linked to HTML for a modular approach.

Advanced Features:

- **Flexbox and Grid:** Layout systems for sophisticated and responsive page layouts.
- **Animations and Transitions:** Enables dynamic UI without JavaScript.
- **Media Queries:** Allows responsive design based on device characteristics.

1.1.3 JavaScript

JavaScript, a crucial language in web development, adds interactivity and dynamism to websites and applications. Operating mainly on the client side, it manipulates HTML, CSS, and the Document Object Model (DOM) to enhance user interfaces. Its versatile syntax handles event-driven actions, making it ideal for responding to user interactions and creating interactive elements.

Key Features:
- **Asynchronous Programming:** Supports non-blocking execution, crucial for handling network requests and time-consuming tasks.
- **Ecosystem:** Flourishes in a vibrant ecosystem with frameworks like React, Angular, and Node.js, extending functionalities across front-end, back-end, and mobile app development.
- **Significance:** JavaScript's significance lies in its ability to craft engaging user experiences, driving the modern web landscape. Widely adopted, with extensive community support and continuous evolution, JavaScript remains essential for web development, shaping the dynamic nature of the internet.

1.2 Project Objectives

The primary objectives of my portfolio website project are as follows:

- **Seamless User Experience:** Design an intuitive interface and dynamic features to provide visitors with a smooth and enjoyable exploration of my skills, projects, education, and certifications, catering to users of varying backgrounds and interests.

- **Community Engagement:** Cultivate a sense of belonging and collaboration among visitors by incorporating interactive elements such as comment sections, discussion forums, and feedback mechanisms, encouraging networking and knowledge-sharing within the Full Stack Engineering community.

My portfolio website endeavors to achieve these objectives, aiming to transcend conventional online portfolios and emerge as a premier destination for individuals passionate about Full Stack Engineering, fostering a community-driven environment focused on innovation, collaboration, and professional growth.

CHAPTER-2
Software & Hardware Requirements

These are the Minimum Requirements of access this Portfolio Site.

Table 2.1: Hardware Requirements

DESKTOP / LAPTOP	
COMPONENT	**SPECIFICATION**
RAM	4GB and above
Processor	Intel i3 Gen 7 and above
TABLET / SMART PHONE	
COMPONENT	**SPECIFICATION**
RAM	2 GB and above
Processor	Octa core 1.42 Hz and above

Table 2.1: Software Requirements

DESKTOP / LAPTOP	
SOFTWARE	**APPLICATION**
Operating System	Windows, Mac and Linux
Browser	Chrome, Opera etc.
TABLET / SMART PHONE	
SOFTWARE	**APPLICATION**
Operating System	Android and iOS
Browser	Chrome, Opera etc.

CHAPTER-3
Software Requirements Specification

5.1 Functional Requirements

- **Skills Section**: Develop a section where users can view a list of technical skills, categorized and described to provide insight into the individual's expertise.
- **Projects Showcase**: Develop a section to display projects with descriptions, technologies used, and links for more details.
- **Contact Form**: Integrate a contact form for visitors to reach out for inquiries or collaboration opportunities.
- **Education Details**: Incorporate a section where users can explore the individual's educational background, including degrees, courses, and relevant achievements.
- **Certifications Display**: Provide a space to showcase certifications earned, with details such as certification name, issuing authority, and date of completion.

5.2 Non-Functional Requirements:

- **Performance:** Optimize website performance to minimize loading times and ensure smooth navigation, even during periods of high traffic.
- **Scalability:** Design the website architecture to accommodate future growth, allowing for easy addition of new features and content as needed.
- **Reliability:** Ensure the website is reliable and available consistently, with minimal downtime for maintenance or updates.
- **Browser Compatibility:** Ensure compatibility with popular web browsers to reach a wide audience without compromising functionality.
- **Maintainability:** Document the codebase comprehensively, providing clear and accessible documentation to facilitate future maintenance and updates.
- **Feedback Mechanism**: Incorporate a feedback mechanism to gather user input and suggestions for continuous improvement of the website's features and usability.

CHAPTER-4
Coding

HTML Code:

Index.html

```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>portfolio</title>
  <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css' rel='stylesheet'>
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <nav>
      <div class="left">Aman's portfolio</div>
      <div class="right">
        <ul>
          <li><a href="index.html">Home</a></li>
          <li><a href="#">skills</a></li>
          <li><a href="#">About</a></li>
          <li><a href="Login.html">Login</a></li>
          <li><a href="Signup.html">Signup</a></li>
        </ul>
      </div>
    </nav>
  </header>
  <main>
    <section class="firstsection">
      <div class="sidebar">
        <div class="user">
          <img src="./images/Aman.jpg">
        </div>
        <ul>
          <li>
            <a href="index.html"><img src="./images/dashboard.png"></a>
          </li>
          <li>
            <a href="gallery.html"><img src="./images/gallery.png"></a>
          </li>
          <li>
            <a href="certificate.html"><img src="./images/certificate.png"></a>
          </li>
          <li>
```

```html
        <a href="document.html"><img src="./images/doc.png"></a>
      </li>
      <li>
        <a href="education.html"><img src="./images/education.png"></a>
      </li>
      <li>
        <a href="project.html"><img src="./images/pngwing.com.png"></a>
      </li>

    </ul>
  </div>
  <div class="head">
    <div class="leftsection">
      Hi,My name is <span>Aman sahu</span>
      I am a student and <span id="element"></span>


      <div class="media">
        <a href="https://www.instagram.com/"><img src="./images/insta.jpg"></a>
        <a href="https://www.facebook.com/"><img src="./images/fb.jpg"></a>
        <a href="https://www.linkedin.com/feed/?trk=guest_homepage-basic_google-one-tap-submit"><img src="./images/linkedin.png"></a>
        <a href="https://twitter.com/home"><img src="./images/twitter.png"></a>
      </div>
      <div>
        <button class="contact">
          <a href="https://www.linkedin.com/feed/?trk=guest_homepage-basic_google-one-tap-submit">Contact me!</a>
        </button>
      </div>


    </div>
    <div class="rightsection">
      <img src="./images/PngItem_1127587.png">
    </div>
  </div>

</section>
<hr>
<section class="secondsection">
  <h1>Skills</h1>
  <div class="container">
    <div class="card">
      <img src="./images/html.png">
      <h2>HTML</h2>
    </div>
    <div class="card">
      <img src="./images/css.png">
      <h2>CSS</h2>
    </div>
    <div class="card">
      <img src="./images/js.png">
      <h2>JavaScript</h2>
    </div>
```

```html
        <div class="card">
            <img src="./images/python (1).png">
            <h2>Python</h2>
        </div>
        <div class="card">
            <img src="./images/c++.png">
            <h2>C++</h2>
        </div>
    </div>
</section>
<hr>
<section class="thirdsection">
    <h1>About</h1>
    <div class="container">
        <div class="left">
            <img src="./images/aman.png">
        </div>
        <div class="right">
        <h1>Hi I'm Aman Sahu, I am a student & web developer.</h1><br>
        <p>Hi I am Aman sahu, currently i am persuring BTech  from sagar institude of science and technology
Bhopal in CSE-AI&DS engineering stream. I have done 12th from mp board with 76.2% & 10th with 88.5% My
hobbies are studying, listning to music etc. </p>
        </div>
    </div>
</section>
<hr>

<footer>
    <div class="div">
        <h3>portfolio</h3>
        <P>personal portfolio website is created from HTML CSS & java script</P>
    </div>
    <div class="div">
        <h3>Useful link</h3>
        <p>Document</p>
        <p>certificate</p>
        <p>project</p>
        <p>About</p>
        <p>Skills</p>
    </div>
    <div class="div">
        <h3>Project</h3>
        <p>Online Art Gallery</p>
        <p>Sidebar</p>
        <p>Registration form</p>
        <p>Calculator</p>
    </div>
    <div class="link">
        <h3>follow us</h3>
        <div class="media">
            <a href="https://www.instagram.com/"><img src="./images/insta.jpg"></a>
            <a href="https://www.facebook.com/"><img src="./images/fb.jpg"></a>
            <a href="https://www.linkedin.com/feed/?trk=guest_homepage-basic_google-one-tap-submit"><img
src="./images/linkedin.png"></a>
            <a href="https://twitter.com/home"><img src="./images/twitter.png"></a>
```

```
                </div>
            </div>
        </footer>
        <div class="copy">
            <h5>Made with <span>&#9829</span> By Aman Sahu!</h5>
        </div>
    </main>

    <script src="https://unpkg.com/typed.js@2.1.0/dist/typed.umd.js"></script>
    <script>
        var typed = new Typed('#element', {
         strings: ['web developer!'],
         typeSpeed: 50,
        });
    </script>
</body>
</html>
```

CSS / style.css

```css
/* NAVBAR */
*{
    padding: 0;
    margin: 0;
}
body{
    display: flex;
    flex-direction: column;
    justify-content: center;
    background-color: rgb(0,0,33);
    color:white;
    font-family: "Poppins", sans-serif;
}
nav{
    width: 100%;
    display: flex;
    justify-content: space-around;
    align-items: center;
    height: 5rem;
    background-color: rgb(18,18,62);
    position: fixed;
    top: 0px;

}
nav ul{
    display: flex;
    justify-content: center;
}
nav ul li{
    list-style: none;
    margin: 0 1.5rem;
}
nav ul li a{
    text-decoration: none;
    color: white;
}
nav ul li a:hover{
   color:#8326ee;
   font-size: 1.02rem;
   cursor: pointer;
}
.left{
    font-size: 1.5rem;
    color: #9814e4;
}
```

```css
/* SIDEBAR */
.sidebar{
    position: fixed;
    height: 95vh;
    border-radius: 0.5rem;
    background-color: rgb(18,18,62);
    margin-top: 5.25rem;
}
.user img{
    height: 50px;
    border-radius: 100%;
    margin: 1rem;
}
.sidebar ul li{
    font-size: 2rem;
    margin: 1rem;
    border-radius: 100%;
}

.sidebar li img:hover{
   box-shadow: 0 0 20px rgb(143, 39,
228);
   border-radius: 100%;
   cursor: pointer;
}
.head{
    width: 100%;
    display: flex;
    justify-content: space-between;
    align-items: center;
    margin:10rem 10rem 5rem 10rem ;
}
/* FIRST SECTION */
.firstsection{
    display: flex;
    width: 100%;
}

.head > div{
    width: 40%;
}
.leftsection{
    font-size: 2.5rem;
    margin: 1rem;
}
```

```css
.rightsection img{
    width: 80%;
    margin: 0 0;
}
span{
    color:#9814e4;
}
.media{
    display: flex;
}
.media img{
    height: 1.5rem;
    width: 1.5rem;
    margin: 0 0.5rem;
    border-radius: 100%;
}
.media img:hover{
   box-shadow: 0 0 20px rgb(143, 39,
228);
}
main hr{
    border: 0;
    background-color: #9c97f1;
    height: 0.01rem;
    margin: 2rem 5rem ;
}
.contact{
    height: 3rem;
    width: 10rem;

}
.contact a{
    color: white;
    font-size: 1.5rem;

}
/* SECOND SECTION */
.secondsection h1{
    font-size: 2rem;
    text-align: center;
    color: #8326ee;
}
.secondsection .container{
    display: flex;
    justify-content: space-around;
    flex-wrap: wrap;
    margin: 5rem 10rem;
}
```

```css
.secondsection .card{
    display: flex;
    flex-direction: column;
    text-align: center;
    height: 10%;
    width: 10%;
}
.secondsection .card h2{
    font-size: 100%;

}

/* THIRD SECTION */
.thirdsection h1{
    font-size: 200%;
    text-align: center;
    color: #8326ee;
}
.thirdsection .container{
    display: flex;
    margin:2rem 10rem;
    background-color: rgb(18,18,62);
}
.thirdsection .container .left{
    display: flex;
    height: 100%;
    width: 50%;
    justify-content: center;
}
.thirdsection .container .left img{
    display: flex;
    height: 20rem;
    width: 20rem;
    border: 0.1rem solid white;
    border-radius: 100%;
}
.thirdsection .container .right{
    height: 100%;
    width: 50%;
    padding: 3rem;
}
footer{
    display: flex;
    background-color: rgb(18,18,62);
}
footer .div{
    display: flex;
    flex-direction: column;
    width: 20%;
    margin: 3rem 5rem 2rem 10rem;
}
footer div img{
    height: 1.5rem;
    width: 1.5rem;
    margin: 0 0.5rem;
    border-radius: 100%;
}
footer .link{
    width: 20%;
    margin: 3rem 5rem 2rem 10rem;
}
footer.media{
    display: flex;
}
footer.media img{
    height: 1.5rem;
    width: 1.5rem;
    margin: 0 0.5rem;
    border-radius: 100%;
}
footer.media img:hover{
    box-shadow: 0 0 20px
rgb(143, 39, 228);
}
```

```css
.copy{
    height: 40px;
    font-size: 1.5rem;
    color: white;
    display: flex;
    justify-content: center;
    width: 100%;
    padding: 10px;
    background-color:rgb(21, 21, 77);
}
/* SIGNUP PAGE */
.heading{
    text-align: center;
    margin: 3rem;
    color: #9814e4;
}
tr{
    height: 3rem;
}
tr input{
    padding: 0.5rem;
    background-color: #8326ee;
    border-radius: 0.5rem;
}
tr input:hover{
    box-shadow: 0 0 10px #8326ee;
}
.signup{
    background-color: rgb(18,18,62);
    margin: 0 35%;
}
.signup:hover{
    box-shadow: 0 0 20px rgb(18,18,62);
}
button{
    background-color: #9814e4;
    height: 2rem;
    width: 5rem;
    border: none;
    color: white;
    border-radius: 0.5rem;
}
button:hover{
    box-shadow: 0 0 10px #8326ee;
}
/* CERTIFICATE.CSS */
body{
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    background-color: rgb(0,0,33);
    font-family: "Poppins", sans-serif;
}
.container{
    width: 90%;
    display: flex;
    justify-content: space-around;
    flex-wrap: wrap;
    background-color: rgb(18,18,62);
    border: 1px solid rgb(143, 39, 228);
    border-radius: 1rem;
    box-shadow: 0 0 20px rgb(143, 39,
228);
}
.container .cards{
    display: flex;
flex-direction: column;
align-items: center;
height: 40%;
width: 40%;
border: 1px solid rgb(143, 39,
228);
border-radius: 1rem;
```

```css
.container .cards:hover{
 box-shadow: 0 0 20px rgb(143, 39, 228);
}
.container .cards img{
    height: 80%;
    width: 100%;
    border-radius: 1rem;
}
.container .cards h3{
    text-align: center;
    color: #8326ee;
}
.container .cards button{
    height: 3rem;
    width: 7rem;
    border-radius: 10rem;
    background-color: rgb(157, 46, 231);
    color: white;
    font-size: large;
    border: none;
    margin: 1rem;
    opacity: 0.8;
}
.container .cards button:hover{
    opacity: 1;
 box-shadow: 0 0 20px rgb(143, 39, 228);
    cursor: pointer;
}
body header h1{
    text-align: center;
    margin: 3rem;
    color: #8326ee;
    font-size: 5rem;
}
 /* DOCUMENT.CSS */
    body{
        display: flex;
        flex-direction: column;
        align-items: center;
        justify-content: center;
        background-color: rgb(0,0,33);
        font-family: "Poppins", sans-serif;
    }
    .container{
    width: 90%;
    display: flex;
    justify-content: space-around;
    flex-wrap: wrap;
    background-color: rgb(18,18,62);
    border: 1px solid rgb(143, 39, 228);
    border-radius: 1rem;
    box-shadow: 0 0 20px rgb(143, 39,
228);
}
.container .cards{
    display: flex;
    flex-direction: column;
    align-items: center;
    height: 40%;
    width: 40%;
    border: 1px solid rgb(143, 39, 228);
    border-radius: 1rem;
    margin: 1rem;
}
.container .cards:hover{
    box-shadow: 0 0 20px
rgb(143, 39, 228);
}
.container .cards img{
    height: 80%;
    width: 100%;
    border-radius: 1rem;
}
```

```css
.container .cards h3{
   text-align: center;
   color: #8326ee;

}
.container .cards button{
   height: 3rem;
   width: 7rem;
   border-radius: 10rem;
   background-color: rgb(157, 46, 231);
   color: white;
   font-size: large;
   border: none;
   margin: 1rem;
   opacity: 0.8;
}
.container .cards button:hover{
   opacity: 1;
   box-shadow: 0 0 20px rgb(143, 39,
228);
   cursor: pointer;
}
body header h1{
   text-align: center;
   margin: 3rem;
   color: #8326ee;
   font-size: 5
}
/* EDUCATION.CSS */
   body {
   font-family: Arial, sans-serif;
   margin: 0;
   padding: 0;
   background-color: rgb(0,0,33);
}

header {
   background-color: rgb(18,18,62);
   color: #9814e4;
   text-align: center;
   padding: 20px 0;
}
```

```css
header h1 {
    margin: 0;
}

.level {
    background-
color:rgb(18,18,62) ;
    border-radius: 5px;
    margin: 20px auto;
    padding: 20px;
    max-width: 600px;

}
.level:hover{
    box-shadow: 0 0 20px
rgb(143, 39, 228);
}

.level h2 {
    color:#9814e4 ;
    margin-top: 0;
}

.level p {
    color: #fff;
}

footer {
    background-color:
rgb(18,18,62);
    color: #fff;
    text-align: center;
    padding: 10px 0;
    position: fixed;
    bottom: 0;
    width: 100%;
}
body{
    align-items: center;
    background-color: rgb(0,0,33);
    }
```

```css
#head{
    color: #9814e4;
    font-size: 30px;
    font-weight: 700;
    text-align: center;
}

.container{
    display: flex;
    border: 2px solid ;
    border-radius: 10px;
    margin: 0 10rem 5rem 10rem;
    background-color: rgb(18,18,62);
}
.container:hover{

box-shadow: 0 0 20px rgb(143, 39, 228);
}
@media(min-width:700){
    .des h2,p{
        display: flex;
        flex-wrap: wrap;
    }
}
.container .photo{
    display: flex;
    width: 35rem;
    border-radius: 10px;
    margin: 25px;
}

.container .photo img{
    display: flex;
    height: 20rem;
    width: 35rem;
    border-radius: 10px;
}
.container h1{
    color: #9814e4;

}
```

JS / index.js

```javascript
// CERTIFICATE
    function dsa()
    {
        window.location='./images/DSA.PNG'
    }
    function cpp()
    {
        window.location='./images/cpp.jpg'
    }
    function generative()
    {
        window.location='./images/Generative AI.PNG'
    }
    function python()
    {
        window.location='./images/Basics of python.PNG'
    }
    function ai()
    {
        window.location='./images/AI certificate.jpg'
    }
```

```javascript
/*DOCUMENT*/
function tenth(){
    window.location='./images/10th marksheet.jpg'
}
    function twelth(){
      window.location='././12th marksheet.jpg'
}
    function first(){
      window.location='./images/1st sem.PNG'
}
    function second(){
      window.location='./images/2nd sem.PNG'
}
/*SIGNUP*/
    function verify(){
      var name=document.getElementById("name");
      var gender=document.getElementsByName("gender");
      var username=document.getElementById("username");
      var pass=document.getElementById("password");
      var msg=new Array();
      var flag=1;
      var message="Following Details are Required\n";
      if(name.value == "")
      {
        msg[0]="name is Required";
        flag=0;
      }else { msg[0]="";}
      if(gender[0].checked==false && gender[1].checked==false)
      {
        msg[1]="select Gender";
        flag=0;
      }else { msg[1]="";}
      if(username.value == "")
      {
        msg[2]="username is Required";
        flag=0;
      }else { msg[2]="";}
      if(pass.value == "")
      {
        msg[3]="password is Required";
        flag=0;
      }else { msg[3]="";}
      if(pass.value.length<8)
      {
        msg[4]="Password must be 8 characters long"
        flag=0;
      }else { msg[4]="";}
      if(flag==0)
            {
                for(var x=0;x<=4;x++)
                {
                    if(msg[x]!="")
                    {
                    message +=msg[x]+"\n";
                    }
                }
                alert(message);
                document.getElementById("abc").innerHTML=message;
                return false;
            }
            else{
                return true;
            }

        }
```
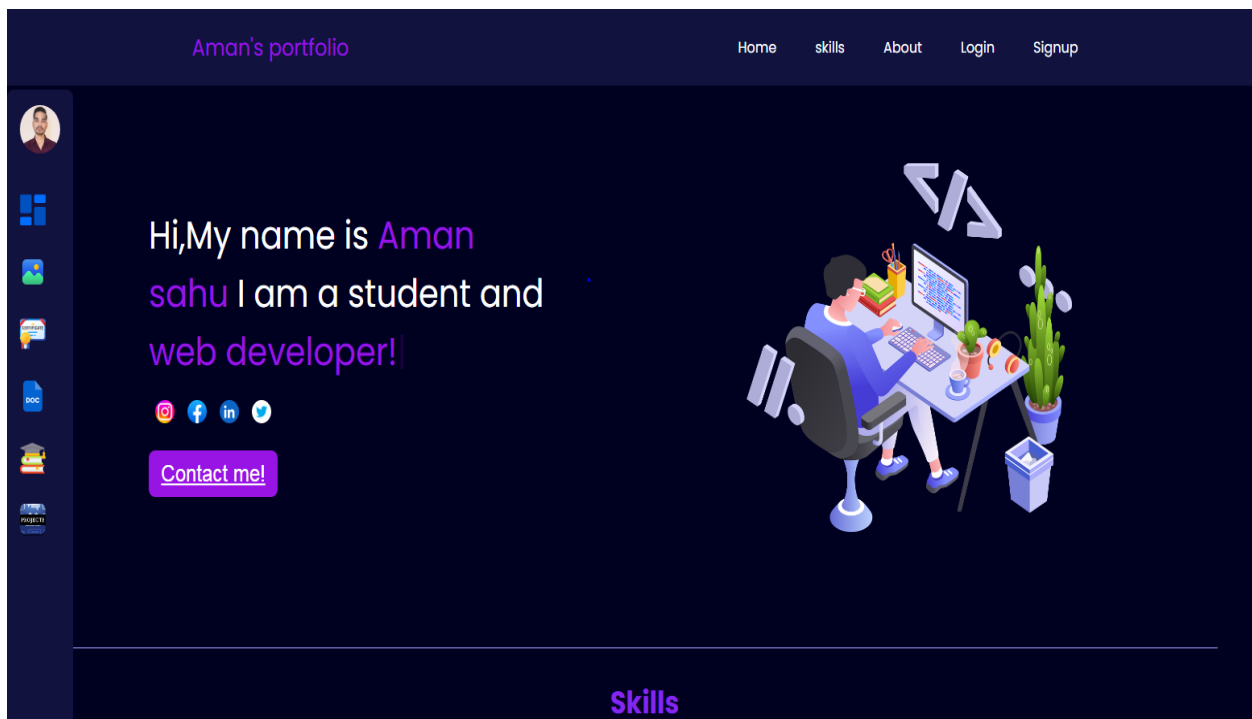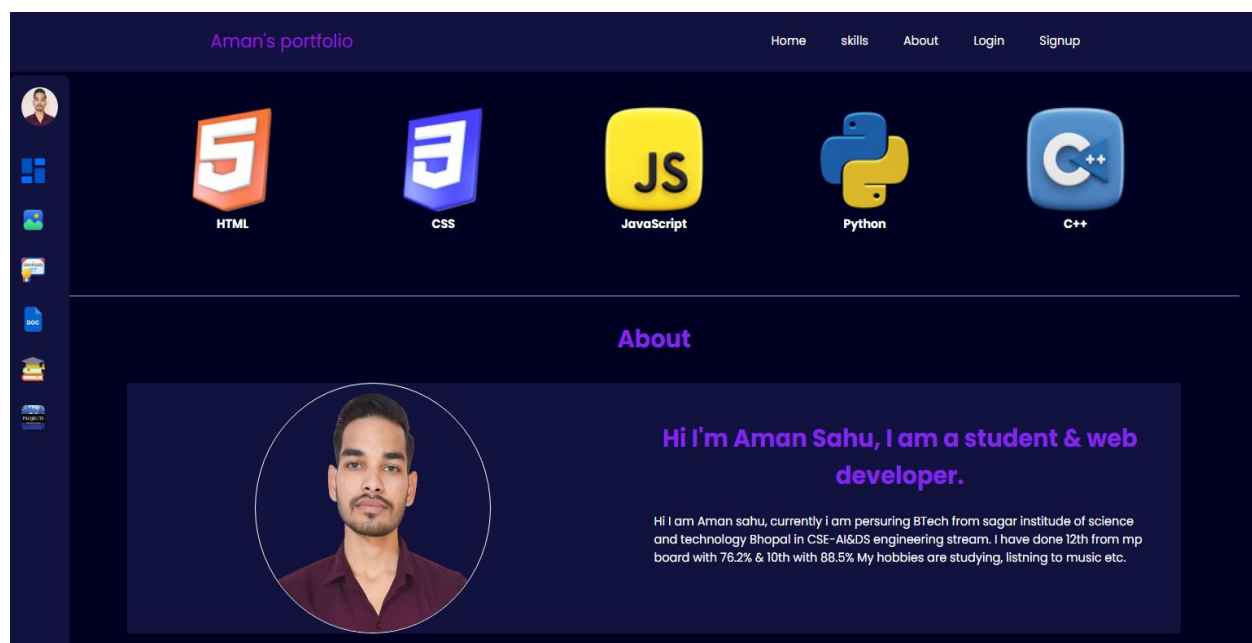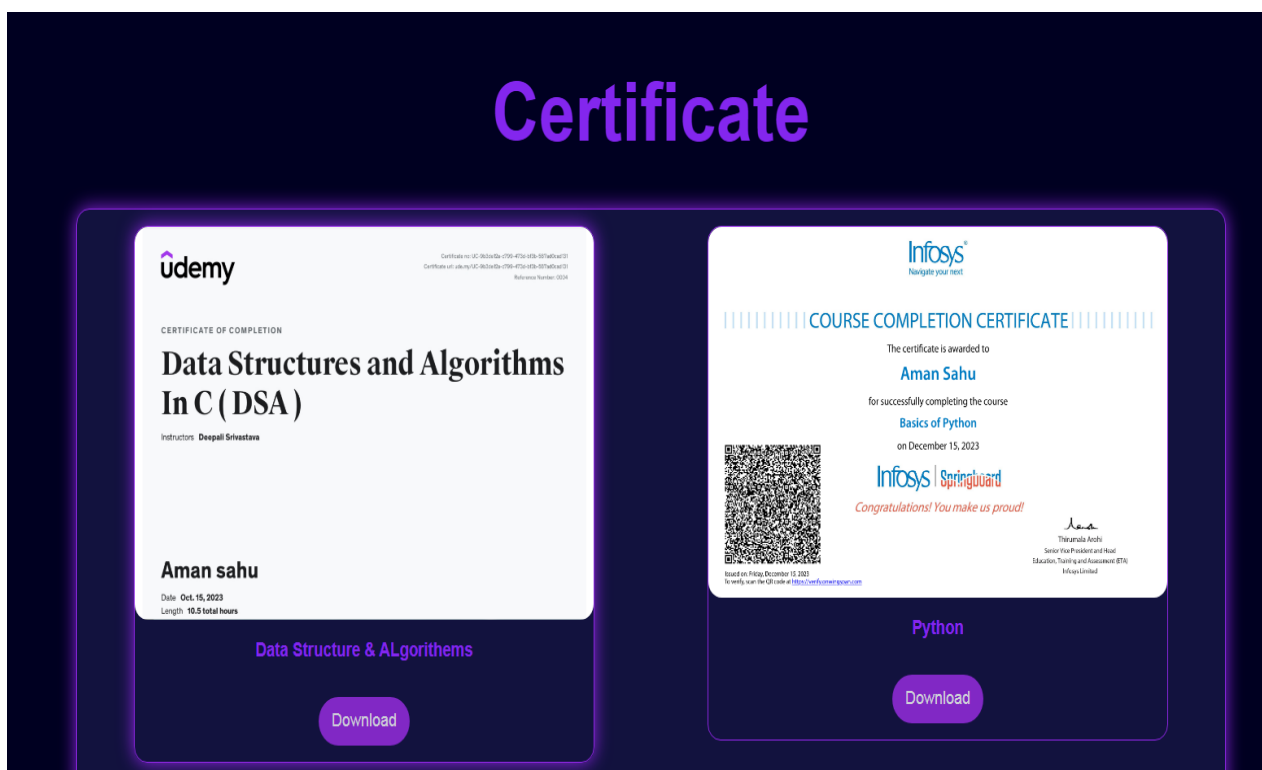
CHAPTER-5
Output Screens

Fig. 5.1:Home

Fig. 5.2:Home
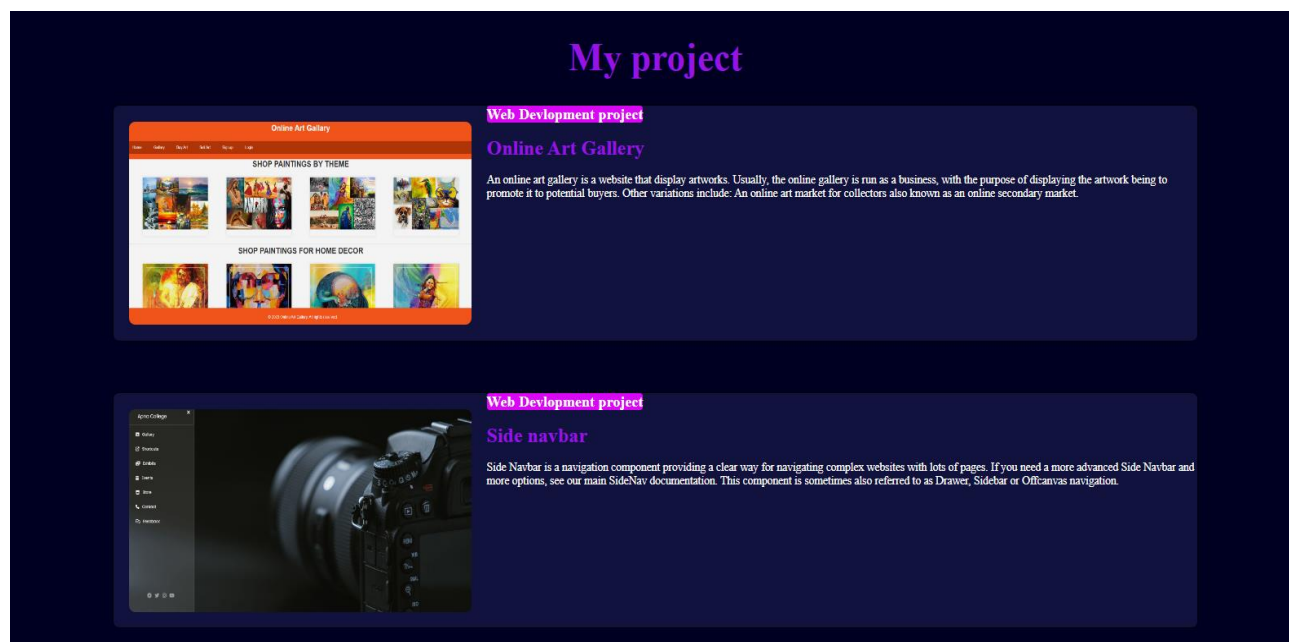
Fig. 5.3: Certificate

Fig. 5.4: Project

References

- W3School
- GeeksforGeeks
- MDN Developer
- Stack Overflow