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VIJAYAWADA – 7

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Web Application Development Project

The Student Council Web Page

Submitted by

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ABSTRACT :

- My webpage for the college student council is a testament to my journey in web development.

- The primary goal of this project was to create an online platform to exhibit my skills, educational background, and various projects.

- By utilizing HTML, CSS, and JavaScript, I aimed to develop an interactive, visually appealing website that reflects my professionalism.

- The core objective of this project was to establish an online presence that effectively communicates my skills, educational achievements, and the work I've undertaken.

- The project served as a reflection of my commitment to learning and my aspirations in the field of web development.

- The completed personal portfolio is a representation of my skills, dedication, and the knowledge I've acquired in web development.

- The website incorporates a responsive design, an aesthetically pleasing layout, and user-friendly navigation.

- It serves as a platform to present my abilities to potential employers or collaborators.

INTRODUCTION :

- My webpage for college student council was conceived to showcase my proficiency in web development.

- The project is a realization of my goal to create a platform that not only highlights my work but also conveys my passion for crafting user-friendly and distinctive web applications.

- The primary goals of this project were to create an online space that effectively communicates my skills, experiences, and accomplishments while providing an engaging and visually appealing user interface.

- My ambition was to build a website that leaves a lasting impression and encourages interaction.

- The intended audience for this portfolio encompasses potential employers, clients, collaborators, and individuals interested in my work.

- By ensuring the portfolio's accessibility to a wide audience, I aspire to unlock potential opportunities within the web development field.

METHADOLOGY :

- For the implementation of my webpage for student council project, I followed a structured methodology to ensure efficiency and a successful outcome.

- The key steps of my methodology were as follows:

- My journey began with planning and in-depth research.

- I outlined the project's objectives and goals, defined the target audience, and identified the latest web design trends and technologies. This laid a strong foundation for the project's success.

- I began by outlining the project's goals and defining the target audience.

- Extensive research was conducted to identify the latest web design trends and technologies.

- The core development phase involved the skilled use of HTML for content structuring, CSS for styling, and JavaScript for interactivity.

- These technologies collectively provided the foundation for a dynamic and visually appealing website.

- It's crucial to emphasize that this phase required precision and attention to detail.

THEORY RELATED TO THE HTML TAGS AND CSS USED IN THE PROJECT IMPLEMENTATION:

The implementation of The Student Council Web Page website involved the use of various HTML tags and CSS styles to create the structure and design of the web pages.

Below is an overview of the key HTML and CSS elements used:

HTML Tags:

<html>: The root element that encapsulates the entire webpage.

<head>: Contains metadata such as the title and links to external resources.

<body>: The content of the webpage.

<div>: A container element used for structuring and styling content.

<img>: Embeds images within the webpage.

<a>: Creates hyperlinks to navigate to different pages or external websites.

<button>: Used for interactive elements, such as the "Resume" button.

<table>: Organizes data in a tabular format.

<th> and <td>: Define table header and table data cells, respectively.

CSS Styles:

Typography: Detailing of text color, size, alignment, and font properties.

Background Styling: Management of background colors and imagery for aesthetic appeal.

Font Styles: Control over font size, family, weight, and style.

Box Model: Precise regulation of spacing and layout properties for structured content.

Class-Based Styling: Custom styles tailored for specific elements.

CSS Transitions: Utilized to create engaging interactive effects.

Progress Bars: Crafted using CSS variables for dynamic visual feedback.

Background Patterns: Implemented through gradients and radial patterns to enhance the website's visual aesthetics.

These HTML and CSS elements and styles were strategically utilized to ensure a visually appealing and functional portfolio website.

SOURCE CODE :

index.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Council - PVPSIT</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            display: flex;
            flex-direction: column;
            justify-content: flex-start;
            align-items: center;
            margin: 0;
            padding: 20px;
        }

        header {
            width: 100vw;
            margin-bottom: 20px;
        }

        header img.banner {
            width: 100%;
        }
```

```css
.main-content {
    display: flex;
    flex-direction: row;
}

nav {
    display: flex;
    flex-direction: column;
    gap: 25px;
    margin-right: 30px;
}

nav a {
    padding: 20px;
    cursor: pointer;
    border: none;
    border-radius: 5px;
    background-color: #007BFF;
    color: white;
    width: 200px;
    font-size: 16px;
    text-align: center;
    text-decoration: none;
    transition: background-color 0.3s;
}

nav a:hover {
    background-color: #0056b3;
```

```css
}

.content {
    display: flex;
    flex-direction: column;
    max-width: 60%;
}

.logo {
    margin-left: 20px;
    width: 200px;
    height: 200px;
}

.faculty {
    display: flex;
    flex-direction: column;
    align-items: center;
    margin-top: 50px;
}

.faculty-heading {
    font-weight: bold;
    text-decoration: underline;
    margin-bottom: 15px;
}

.faculty img {
```

```
        width: 150px;

        height: 150px;

    }

  </style>

</head>

<body>


  <header>

    <img class="banner" src="http://www.pvpsiddhartha.ac.in/new_images/head.jpg"
alt="College Banner">

  </header>


  <div class="main-content">

    <nav>

      <a href="aboutus.html">About us</a>

      <a href="members.html">Members</a>

      <a href="activities.html">Activities</a>

      <a href="gallery.html">Gallery</a>

      <a href="contact.html">Contact</a>

    </nav>


    <div class="content">

      <p>Students are the major stakeholders for any HEIs. The Reputation of the institution is
mainly
```

built by the efficacy of its students while in academics and when they are with the corporate

world. They play an integral and important role in the development of the institution. In the year

2016, Student Council has been established with an aim to provide a representative structure

through which students can take up the issues concerned to the management and undertake

initiatives of benefit to the college. Students have a valuable contribution for the effectiveness of

the college and their involvement in the operations of the college is itself a valuable part of the education process for the students. To incorporate student participation in the wellness and up gradation of the institution in all perspectives, students are encouraged to be part of administrative & academic bodies and thus enable them to be empowered with planning, leadership skills, accountability nature and learn the importance of being a resourceful individual while working in teams. It provides a platform for students to express their ideas, interests, and views on the issues of concern to them and also render their contribution for the institution to attain its vision, mission and to be a renowned one in the segment.</p>

    </div>

       <img class="logo" src="https://pvpsitonline.in/assets/images/Login_Page_Icon.jpg" alt="PVPSIT Logo">
  </div>

  <div class="faculty">
    <div class="faculty-heading">Faculty Coordinator</div>
    <img src="http://pluspng.com/img-png/png-user-icon-person-icon-png-people-person-user-icon-2240.png" alt="Mrs. L. Sudheera">
    <p>Mrs. L. Sudheera</p>
    <p>Asst.Professor</p>
  </div>

</body>
</html>

Scripts.js :

```
function displayWelcomeMessage() {
```
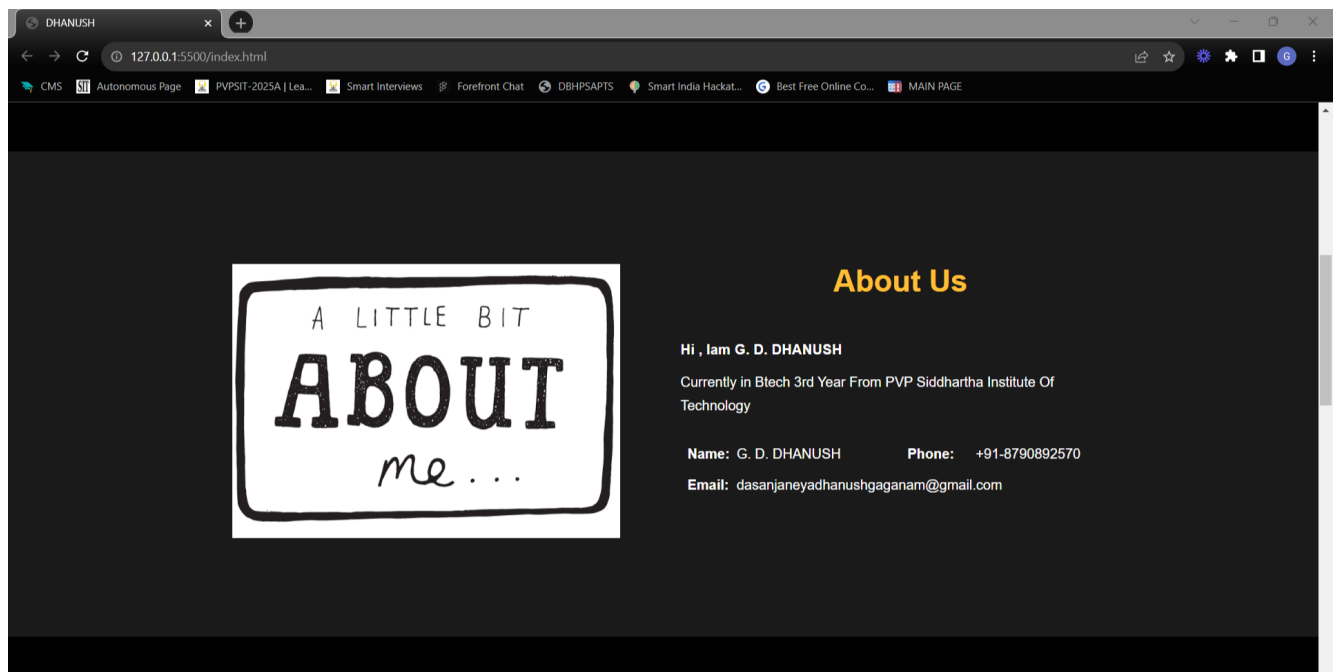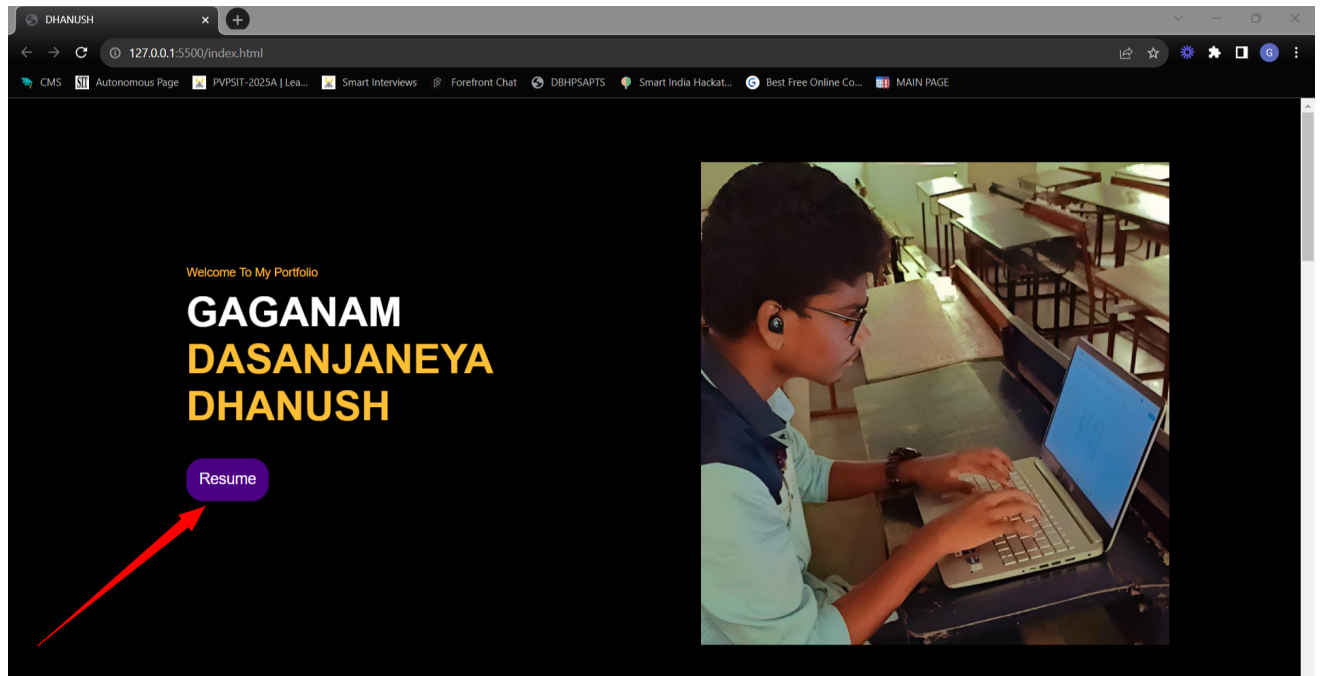
```javascript
    console.log("Welcome to Genius In You With Genius 2023!");
}
function toggleSectionVisibility(sectionId) {
  const section = document.getElementById(sectionId);
  section.style.display = section.style.display === "none" ? "block" : "none";
}
function handleSubmit(event) {
  event.preventDefault();
  const formData = new FormData(event.target);
  const name = formData.get("name");
  const email = formData.get("email");
  console.log("Form submitted with name:", name, "and email:", email);
}
const form = document.getElementById("contact-form");
form.addEventListener("submit", handleSubmit);
```

SCREENSHOTS OF WEBPAGE :

CONCLUSION :

- In conclusion, my webpage for college student council project is not merely a showcase of my web development skills , it's a testament to meticulous planning, dedication, and self-improvement.

- The journey involved in its creation has been an educational one, emphasizing the significance of structured methodology in achieving project success.

- This project has equipped me with the invaluable experience of applying HTML, CSS, and JavaScript to create an engaging, responsive, and visually appealing web presence. It's more than just a static website , it's a dynamic reflection of my skills, aspirations, and dedication to web development.

- Moving forward, I am committed to continually updating and expanding my portfolio to reflect my evolving journey and new accomplishments in the field of web development.

REFERENCES :

- **For icons And Styling :**
  https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css