


MLSA Full Stack Web Development

In this project, we will explore the development of a calculator and a personal portfolio website, showcasing the full capabilities of HTML, CSS, and JavaScript.

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HTML, CSS, and JavaScript

HTML

Providing the structure and content for the web pages.

CSS

Styling the pages with colors, layouts, and visual elements.

JavaScript

Adding interactivity and dynamic functionality to the website.

Overview of the Portfolio

About Me

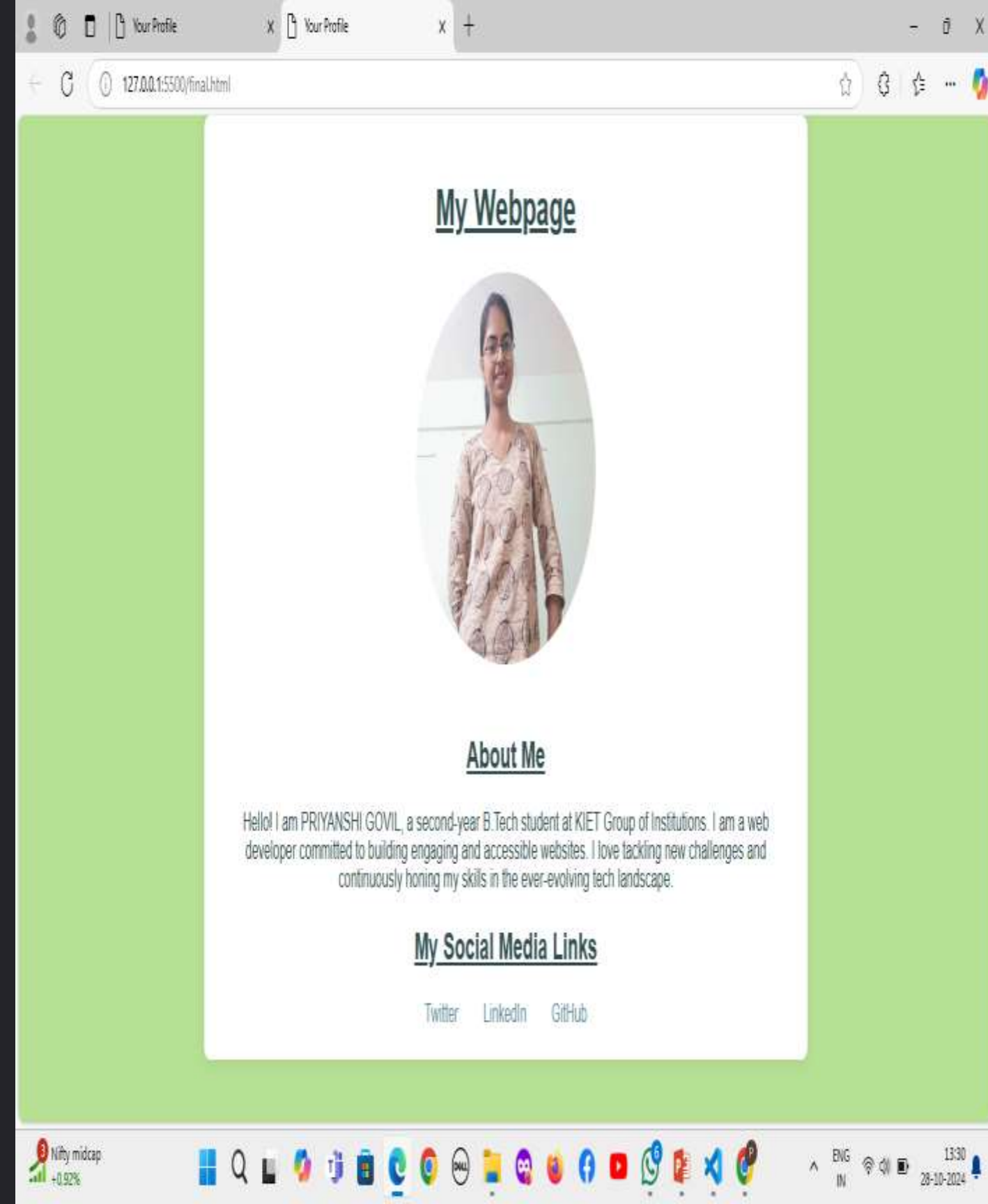
Highlighting skills and experience. Engaging personal introduction

Profile photo

My profile photo image for better introducing me.

Contact

Gives my social media links like GitHub, linkedin and more,.



Portfolio Demonstration

File Edit Selection View Go Run ...

mlsprofile (1)

EXPLORER

- MLSPROFILE (1)
 - calculator.html
 - final.html
 - parul.jpg
 - pic.jpg
 - profile.html
 - profile.jpg
 - script.js
 - styles.css

final.html > ...

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Your Profile</title>
7   <style>
8     body {
9       font-family: Arial, sans-serif;
10      margin: 0;
11      padding: 0;
12      background-color: #b6e093; /* Pale Blue */
13      text-align: center;
14      color: #2f4f4f; /* Dark Slate Gray */
15    }
16    .container {
17      max-width: 800px;
18      margin: auto;
19      padding: 20px;
20      background: white;
21      border-radius: 8px;
22      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
23    }
24    .profile-photo {
25      width: 250px;
26      height: 250px;
27      border-radius: 50%;
28      margin-bottom: 20px;
29    }
30    h1, h2 {
31      color: #2f4f4f; /* Dark Slate Gray */
32    }
```

Ln 64, Col 1 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Port: 5500

Click to close server

Key Features of the Calculator

Basic Arithmetic

Perform basic operations like addition, subtraction, multiplication, and division.

1

2

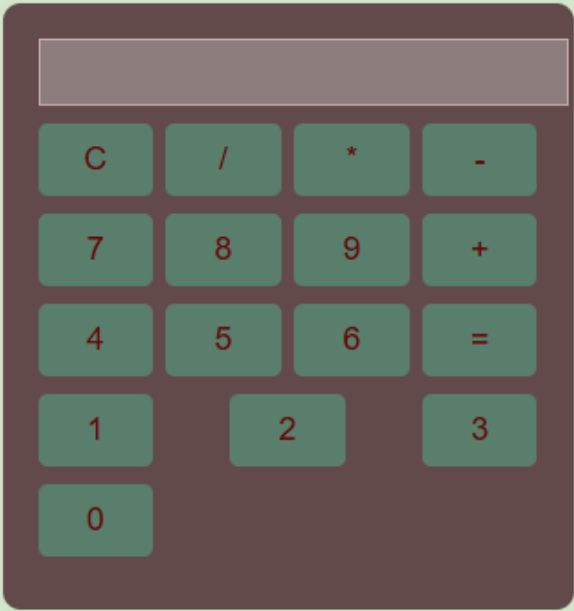
Basic Functions

Basic arithmetic calculations and responsive

User-Friendly Interface

Provide a clean and intuitive layout with clear buttons and display.

3



Calculator Demonstration

The image displays three side-by-side screenshots of a VS Code editor, illustrating the development of a calculator application. Each panel shows a different file in the project:

- Left Panel (calculator.html):** Shows the HTML structure. It includes a DOCTYPE declaration, a head section with a meta charset, a viewport meta tag, and a title. The body contains a calculator container with a result display and buttons for digits 0-9, arithmetic operators, and a clear button.
- Middle Panel (styles.css):** Shows the CSS styling. It defines the body font, display, and background color. The calculator container is styled with a background, padding, border-radius, box-shadow, and width. The input field is styled with width, padding, margin-bottom, border, and font-size. The button container is styled with display, justify-content, and margin-bottom.
- Right Panel (scripts.js):** Shows the JavaScript logic. It defines functions for appending results, clearing the result, and calculating the result. The appendToResult function uses document.getElementById to update the result field. The clearResult function resets the result field. The calculateResult function uses eval to perform the calculation and updates the result field.

The bottom status bar of the editor shows the current file's encoding (UTF-8), line and column numbers, and the active language (HTML, CSS, or JavaScript).

Conclusion

The MLSA internship has been an amazing experience for me. It helped me learn new skills and discover my passion for web development. I am excited to use what I learned to create more projects in the future. With the knowledge I gained, I look forward to exploring new opportunities in web development and making my mark in this field.

