

# **Global tech internship Report**

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Domain : Web- development  
Duration : 1 month  
Task : 2

## **ABSTRACT:**

During my web development internship, I had the opportunity to work on various web development projects. I gained practical experience in web development technologies such as HTML, CSS, JavaScript, and PHP, as well as in using popular web development frameworks such as React, Angular, and Laravel. Throughout my internship, I was involved in developing and testing website features, troubleshooting technical issues, and collaborating with team members to ensure successful project completion. Additionally, I learned valuable soft skills such as communication, teamwork and time management Overall, my web development internship provided me with a comprehensive understanding of the web development process, and has given me the confidence to pursue a career in this field.

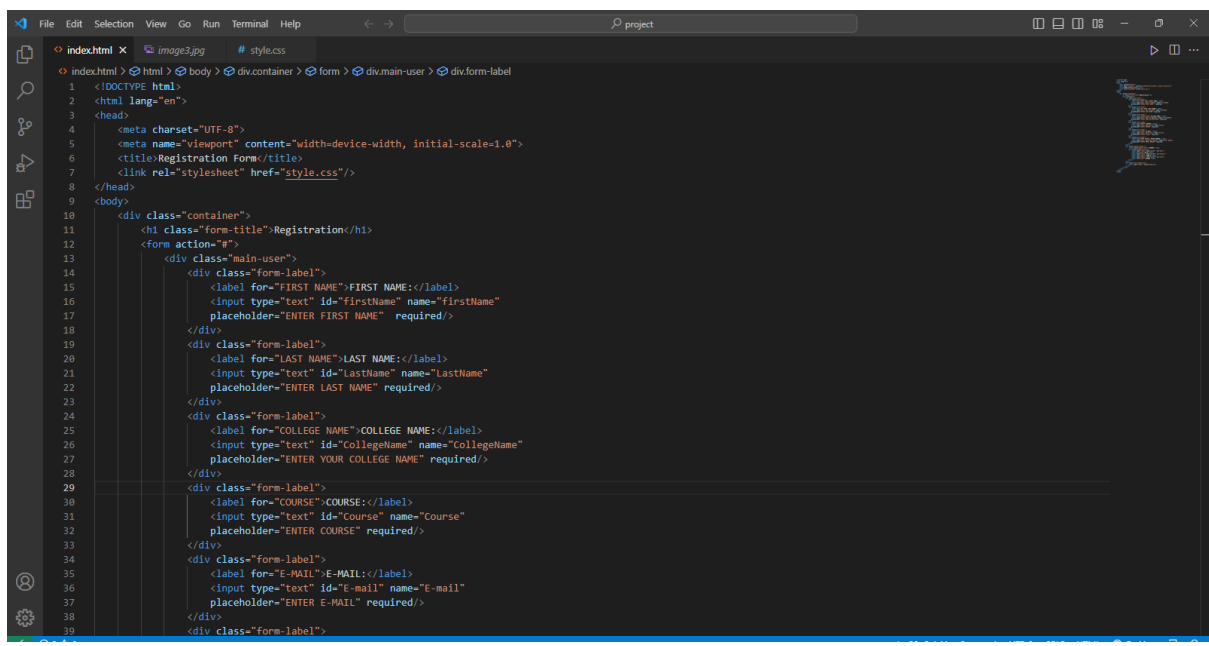
## **INTRODUCTION:**

I am pleased to present this report on my one-month internship in web development. During my internship, I worked on various projects that involved creating a registration page, calculator using HTML, CSS, and JavaScript.

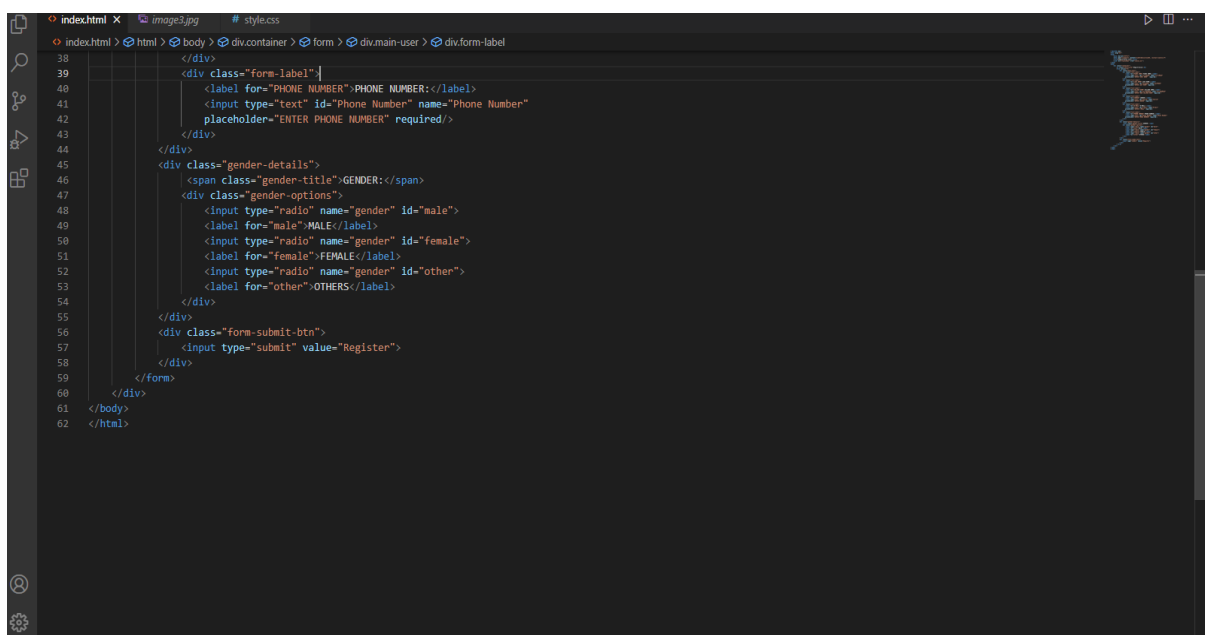
# Task-1

## REGISTRATION FORM:

The Registration page was the first project I worked on during my internship. I used HTML and CSS to create a responsive design that looked great on both desktop and mobile devices. I used various HTML tags to create different sections of the page, such as the header, navigation bar, and footer.



```
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>Registration Form</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   <div class="container">
11     <h1 class="form-title">Registration</h1>
12     <form action="#">
13       <div class="main-user">
14         <div class="form-label">
15           <label for="FIRST NAME">FIRST NAME:</label>
16           <input type="text" id="firstName" name="firstName"
17             placeholder="ENTER FIRST NAME" required/>
18         </div>
19         <div class="form-label">
20           <label for="LAST NAME">LAST NAME:</label>
21           <input type="text" id="lastName" name="lastName"
22             placeholder="ENTER LAST NAME" required/>
23         </div>
24         <div class="form-label">
25           <label for="COLLEGE NAME">COLLEGE NAME:</label>
26           <input type="text" id="CollegeName" name="CollegeName"
27             placeholder="ENTER YOUR COLLEGE NAME" required/>
28         </div>
29         <div class="form-label">
30           <label for="COURSE">COURSE:</label>
31           <input type="text" id="Course" name="Course"
32             placeholder="ENTER COURSE" required/>
33         </div>
34         <div class="form-label">
35           <label for="E-MAIL">E-MAIL:</label>
36           <input type="text" id="E-mail" name="E-mail"
37             placeholder="ENTER E-MAIL" required/>
38         </div>
39         <div class="form-label">
```



```
38 </div>
39 <div class="form-label">
40   <label for="PHONE NUMBER">PHONE NUMBER:</label>
41   <input type="text" id="Phone Number" name="Phone Number"
42     placeholder="ENTER PHONE NUMBER" required/>
43 </div>
44 </div>
45 <div class="gender-details">
46   <span class="gender-title">GENDER:</span>
47   <div class="gender-options">
48     <input type="radio" name="gender" id="male">
49     <label for="male">MALE</label>
50     <input type="radio" name="gender" id="female">
51     <label for="female">FEMALE</label>
52     <input type="radio" name="gender" id="other">
53     <label for="other">OTHERS</label>
54   </div>
55 </div>
56 <div class="form-submit-btn">
57   <input type="submit" value="Register">
58 </div>
59 </form>
60 </div>
61 </body>
62 </html>
```

```
File Edit Selection View Go Run Terminal Help
project

# style.css > .main-user
1 *{
2   padding: 0;
3   margin: 0;
4   box-sizing: border-box;
5   font-family: sans-serif;
6 }
7 body{
8   display: flex;
9   height: 100vh;
10  justify-content: center;
11  align-items: center;
12  background: url(image3.jpg) ;
13  background-size: cover;
14 }
15 .container{
16   width: 100%;
17   max-width: 650px;
18   background: linear-gradient(to right, #000, #fff);
19   padding: 20px;
20   margin: 0 20px;
21   border-radius: 10px;
22   box-shadow: inset -2px 2px 2px #fff;
23 }
24 .form-title{
25   font-size: 26px;
26   font-weight: 600;
27   text-align: center;
28   padding-bottom: 6px;
29   color: #fff;
30   text-shadow: 2px 2px 2px #000;
31   border-bottom: solid 1px #fff;
32 }
33 .main-user{
34   display: flex;
35   flex-wrap: wrap;
36   justify-content: space-between;
37   padding: 20px 0;
38 }
39 .form-label:nth-child(2n){
```

```
File Edit Selection View Go Run Terminal Help
project

# style.css > .form-label:nth-child(2n)
38 }
39 .form-label:nth-child(2n){
40   justify-content: end;
41 }
42 .form-label{
43   display: flex;
44   flex-wrap: wrap;
45   width: 50%;
46   padding-bottom: 15px;
47 }
48 .form-label label{
49   width: 95%;
50   color: #fff;
51   font-size: 20px;
52   font-weight: 400;
53   margin: 5px 0;
54 }
55 .form-label input{
56   height: 40px;
57   width: 95%;
58   border-radius: 7px;
59   outline: none;
60   border: 1px solid #ccc;
61   padding: 0 10px;
62 }
63 .gender-title{
64   color: #fff;
65   font-size: 24px;
66   font-weight: 600px;
67   border-bottom: 1px solid #fff;
68 }
69 .gender-options{
70   margin: 15px 0;
71   color: #fff;
72 }
73 .gender-options label{
74   padding: 0 20px 0 5px;
75 }
76 .gender-options label
```

```
File Edit Selection View Go Run Terminal Help
project

index.html image3.jpg # style.css x
# style.css > {} @media (max-width:600px) > .form-label:nth-child(2n)
75 }
76 .gender-options label,
77 .gender-options input,
78 .form-submit-btn input{
79   cursor: pointer;
80 }
81 .form-submit-btn{
82   margin-top: 40px;
83 }
84 .form-submit-btn input{
85   display: block;
86   width: 100%;
87   margin-top: 10px;
88   font-size: 20px;
89   padding: 10px;
90   border: none;
91   border-radius: 3px;
92   color: rgb(255, 252, 252);
93   background: rgb(148, 146, 146);
94 }
95 .form-submit-btn input:hover{
96   background: rgba(104, 190, 206, 0.7);
97   color: rgb(255,255,255);
98 }
99 @media(max-width:600px){
100   .container{
101     min-width: 280px;
102   }
103   .form-label{
104     margin-bottom: 12px;
105     width: 100%;
106   }
107   .form-label:nth-child(2n){
108     justify-content: space-between;
109   }
110   .gender-options{
111     display: flex;
112     justify-content: space-between;
113     width: 100%;
114   }
115   .main-user{
116     max-height: 380px;
117     overflow: auto;
118   }
119   .main-user::-webkit-scrollbar{
120     width: 0;
121   }
122 }
123
124
125
126
Ln 108, Col 40 Spaces: 4 UTF-8 CRLF CSS Port: 5500
```

```
File Edit Selection View Go Run Terminal Help
project

index.html image3.jpg # style.css x
# style.css > {} @media (max-width:600px) > .form-label:nth-child(2n)
107 .form-label:nth-child(2n){
108   justify-content: space-between;
109 }
110 .gender-options{
111   display: flex;
112   justify-content: space-between;
113   width: 100%;
114 }
115 .main-user{
116   max-height: 380px;
117   overflow: auto;
118 }
119 .main-user::-webkit-scrollbar{
120   width: 0;
121 }
122 }
123
124
125
126
```

The image shows a registration form titled "Registration" centered on a background of a blue sky with white clouds. The form is a dark blue rectangle with rounded corners. It contains the following fields and labels:

- FIRST NAME:** with a text input field containing the placeholder "ENTER FIRST NAME".
- LAST NAME:** with a text input field containing the placeholder "ENTER LAST NAME".
- COLLEGE NAME:** with a text input field containing the placeholder "ENTER YOUR COLLEGE NAME".
- COURSE:** with a text input field containing the placeholder "ENTER COURSE".
- E-MAIL:** with a text input field containing the placeholder "ENTER E-MAIL".
- PHONE NUMBER:** with a text input field containing the placeholder "ENTER PHONE NUMBER".
- GENDER:** with three radio button options: ☐ MALE, ☐ FEMALE, and ☐ OTHERS.
- A large teal button at the bottom labeled "Register".

## Task-3

### CALCULATOR:

The calculator project was a bit more challenging, as it required me to use JavaScript to create the functionality of the calculator. I started by creating the basic HTML structure of the calculator, which included the display area and the buttons for the numbers and operators. Next, I wrote the JavaScript code to handle the button clicks and perform the calculations. I used the `eval()` function to evaluate the mathematical expressions entered by the user and display the result on the calculator screen. I also added some additional features to the calculator, such as the ability to clear the display and handle errors such as dividing by zero. The calculator project was a great opportunity for me to learn more about JavaScript and how it can be used to create dynamic web applications.

```
File Edit Selection View Go Run Terminal Help
calculator

EXPLORER
  CALCULATOR
    index.html

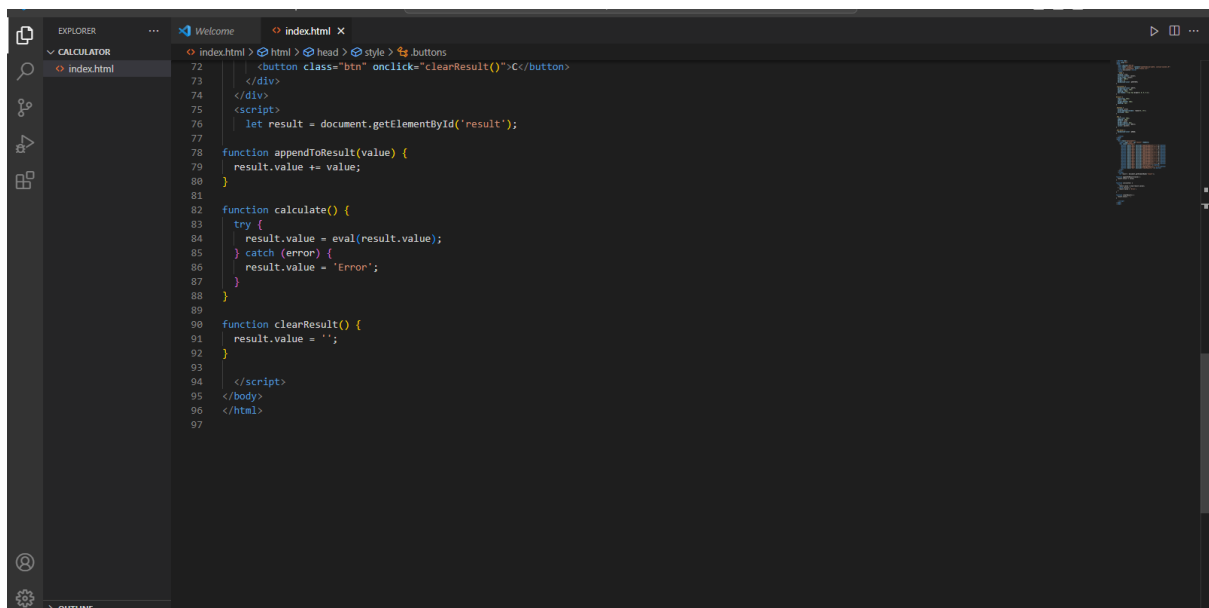
index.html X
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link rel="stylesheet" href="styles.css">
7   <title>Calculator</title>
8   <style>
9     .body {
10      display: flex;
11      justify-content: center;
12      align-items: center;
13      height: 100vh;
14      margin: 0;
15      background-color: #f0f0f0;
16    }
17
18    .calculator {
19      background-color: #fff;
20      border-radius: 10px;
21      padding: 20px;
22      box-shadow: 0 2px 6px rgba(0, 0, 0, 0.1);
23    }
24
25    #result {
26      font-size: 24px;
27      width: 100%;
28      margin-bottom: 10px;
29      padding: 5px;
30    }
31
32    .buttons {
33      display: grid;
34      grid-template-columns: repeat(4, 1fr);
35      grid-gap: 10px;
36    }
37
38    .btn {
39      font-size: 20px;
```

```
File Edit Selection View Go Run Terminal Help
calculator

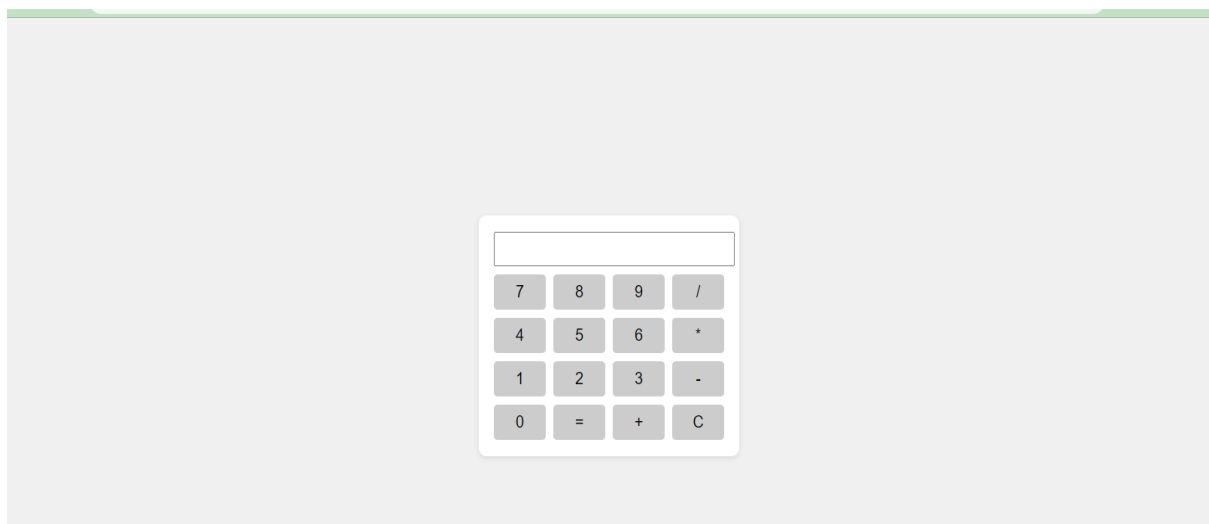
EXPLORER
  CALCULATOR
    index.html

index.html X
35   grid-gap: 10px;
36 }
37
38 .btn {
39   font-size: 20px;
40   padding: 10px;
41   border: none;
42   border-radius: 5px;
43   background-color: #cccc;
44   cursor: pointer;
45 }
46
47 .btn:hover {
48   background-color: #ddd;
49 }
50
51 </style>
52 </head>
53 <body>
54   <div class="calculator">
55     <input type="text" id="result" readonly>
56     <div class="buttons">
57       <button class="btn" onclick="appendToResult('7')">7</button>
58       <button class="btn" onclick="appendToResult('8')">8</button>
59       <button class="btn" onclick="appendToResult('9')">9</button>
60       <button class="btn" onclick="appendToResult('/')">/</button>
61       <button class="btn" onclick="appendToResult('4')">4</button>
62       <button class="btn" onclick="appendToResult('5')">5</button>
63       <button class="btn" onclick="appendToResult('6')">6</button>
64       <button class="btn" onclick="appendToResult('*')">*</button>
65       <button class="btn" onclick="appendToResult('1')">1</button>
66       <button class="btn" onclick="appendToResult('2')">2</button>
67       <button class="btn" onclick="appendToResult('3')">3</button>
68       <button class="btn" onclick="appendToResult('-')">-</button>
69       <button class="btn" onclick="appendToResult('0')">0</button>
70       <button class="btn" onclick="calculate()">=</button>
71       <button class="btn" onclick="appendToResult('+')">+</button>
72       <button class="btn" onclick="clearResult()">C</button>
73     </div>
```

```
74 </div>
75 <script>
76   let result = document.getElementById('result');
77
78   function appendToResult(value) {
79     result.value += value;
80   }
81
82   function calculate() {
83     try {
84       result.value = eval(result.value);
85     } catch (error) {
86       result.value = 'Error';
87     }
88   }
89
```



```
72 | <button class="btn" onclick="clearResult()">C</button>
73 | </div>
74 | </div>
75 | <script>
76 |   let result = document.getElementById('result');
77 |
78 |   function appendToResult(value) {
79 |     result.value += value;
80 |   }
81 |
82 |   function calculate() {
83 |     try {
84 |       result.value = eval(result.value);
85 |     } catch (error) {
86 |       result.value = 'Error';
87 |     }
88 |   }
89 |
90 |   function clearResult() {
91 |     result.value = '';
92 |   }
93 | </script>
94 | </body>
95 | </html>
96 |
97 |
```



## CONCLUSION:

Overall, my one-month internship in web development was the great learning experience for me. I gained hands-on experience with HTML, CSS and javascript and learned how to create visually appealing web pages and dynamic web applications. I am confident that the skills i gained during my internship will be valuble in my future career as a web developer.