Internship Report

Global Tech Intern

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Domain Name: Web Development
Duration: 1 Month
Task Performed: 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, Bootstrap, PHP as well as in using popular development Frameworks such as react, Angular, and Laravel. Throughout My internship. I was involved in developing and testing Website features, troubleshooting technical issue, 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 this internship, I worked on various projects that involved creating a registration page, calculator using HTML, CSS and JavaScript. During this internship I learned a lot of things like how to work on different project, teamwork, time management, communication.

Task No 1
Registration Page:

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.

HTML:

```
task1.php        ×    t2.css        ×    task2.php        ×    t3.css        ×    index.js        ×
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <meta charset="utf-8">
5       <title>Registration Page</title>
6       <link rel="stylesheet" type="text/css" href="t2.css">
7   </head>
8   <body>
9   <div class="main">
10      <div class="register">
11          <h2>Global Tech Intern</h2>
12          <form id="register" method="post">
13              <label>First Name: </label>
14              <br>
15              <input type="text" name="fname" id="name" placeholder="Enter Your First Name">
16              <br><br>
17              <label>Last Name: </label>
18              <br>
19              <input type="text" name="lname" id="name" placeholder="Enter Your Last Name">
20              <br><br>
21              <label>Age: </label>
22              <br>
23              <input type="number" name="age" id="name" placeholder="Enter Your Age">
24              <br><br>
25              <label>Email: </label>
26              <br>
27              <input type="email" name="email" id="name" placeholder="Enter Your Email">
28              <br><br>
29              <label>Mobile No.:</label>
30              <br>
31              <input type="number" name="mobile" id="name" placeholder="Enter Mobile No.">
32              <br><br>
33              <label>College Name: </label>
34              <br>
35              <input type="text" name="clg" id="name" placeholder="Enter Name of College">
36              <br><br>
37              <label>Gender: </label>
38              <br>
```

```php
36              <br><br>
37              <label>Gender: </label>
38              <br>
39                 
40              <input type="radio" name="gender" id="male">
41               
42              <span id="male">Male</span>
43                  
44              <input type="radio" name="gender" id="female">
45               
46              <span id="female">Female</span>
47              <br><br>
48              <input type="submit" value="Submit" name="submit" id="submit">
49          </form>
50      </div>
51  </div>
52  </body>
53  </html>
```

CSS:

```css
1   *
2   {
3       margin: 0;
4       padding: 0;
5   }
6
7   body{
8       background: url("images/bg.jpg");
9       background-size: 100%;
10
11  }
12  div.main{
13      width: 400px;
14      margin: 50px auto 30px auto;
15  }
16
17  h2{
18      text-align: center;
19      padding: 20px;
20      font-family: sans-serif;
21  }
22
23  div.register{
24      background-color: rgba(0, 0, 0, 0.5);
25      width: 100%;
26      font-size: 18px;
27      border-radius: 10px;
28      border: 1px solid rgba(255, 255, 255, 0.3);
29      box-shadow: 2px 2px 15px
30      rgba(0,0,0,0.3);
31      color: #fff;
32  }
33
34  form#register{
35      margin: 40px;
36  }
37
```

```css
38    label{
39        font-family: sans-serif;
40        font-size: 18px;
41        font-style: italic;
42    }
43
44    input#name{
45        width: 300px;
46        border: 1px solid #ddd;
47        border-radius: 3px;
48        outline: 0;
49        padding: 7px;
50        background-color: #fff;
51        box-shadow: inset 1px 1px 5px
52        rgba(0,0,0,0.3);
53    }
54
55    input#submit{
56        width: 200px;
57        padding: 7px;
58        font-size: 16px;
59        font-family: sans-serif;
60        font-weight: 600;
61        border: none;
62        border-radius: 3px;
63        background-color: rgba(250, 100, 0,0.8);
64        color: #fff;
65        cursor: pointer;
66        border: 1px solid
67        rgba(255,255,255,0.3);
68        box-shadow: 1px 1px 5px
69        rgba(0,0,0,0.3);
70        margin-bottom: 20px;
71    }
72
73    label,span,h2{
74        text-shadow: 1px 1px 5px rgba(0, 0, 0, 0.3);
75    }
```

Task No. 2
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.

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.
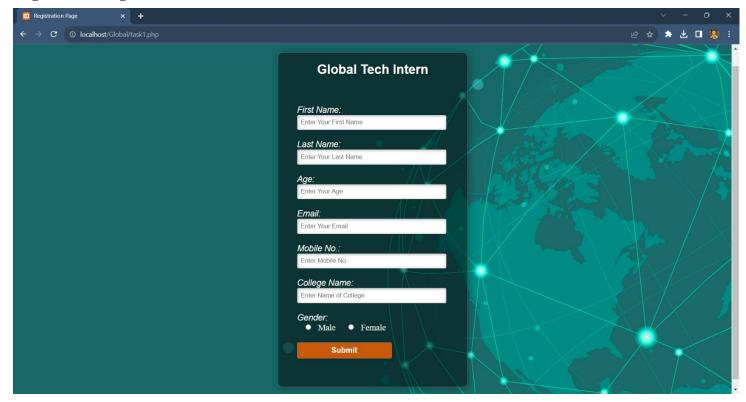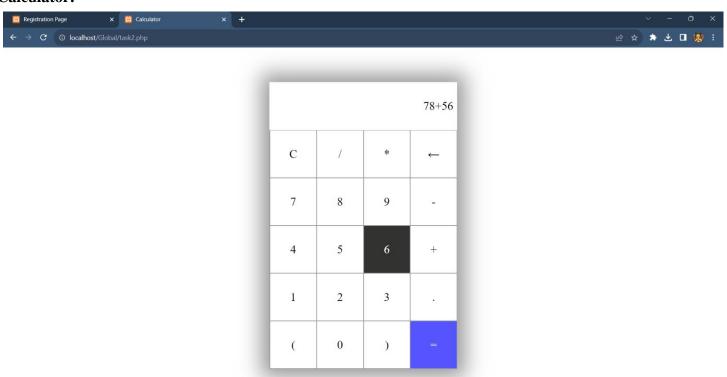
HTML:

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Calculator</title>
    <link rel="stylesheet" type="text/css" href="t3.css">
</head>
<body>
<section>
    <div class="container">
        <div id="display"></div>
        <div class="buttons">
            <div class="button">C</div>
            <div class="button">/</div>
            <div class="button">*</div>
            <div class="button">&larr;</div>
            <div class="button">7</div>
            <div class="button">8</div>
            <div class="button">9</div>
            <div class="button">-</div>
            <div class="button">4</div>
            <div class="button">5</div>
            <div class="button">6</div>
            <div class="button">+</div>
            <div class="button">1</div>
            <div class="button">2</div>
            <div class="button">3</div>
            <div class="button">.</div>
            <div class="button">(</div>
            <div class="button">0</div>
            <div class="button">)</div>
            <div id="equal" class="button">=</div>

        </div>
    </div>
</section>

<script src="index.js"></script>
</body>
```

CSS:

```css
.container{
    max-width: 400px;
    margin: 10vh auto 0 auto;
    box-shadow: 0px 0px 43px 17px rgba(153, 153, 153, 1);
}

#display{
    text-align: right;
    height: 70px;
    line-height: 70px;
    padding: 16px 8px;
    font-size: 25px;
}

.buttons{
    display: grid;
    border-bottom: 1px solid #999;
    border-left: 1px solid #999;
    grid-template-columns: 1fr 1fr 1fr 1fr;
}

.buttons > div{
    border-top: 1px solid #999;
    border-right: 1px solid #999;
}

.button{
    border: 0.5px solid #999;
    line-height: 100px;
    text-align: center;
    font-size: 25px;
    cursor: pointer;
}

#equal{
    background-color: #5555ff;
    color: white;
}
```

```css
#equal{
    background-color: #5555ff;
    color: white;
}

.button:hover{
    background-color: #323330;
    color: white;
    transition: 0.5s ease-in-out;
}
```

JavaScript:

```javascript
let display=document.getElementById('display');

let buttons=Array.from(document.getElementsByClassName('button'));

buttons.map(button =>{
    button.addEventListener('click',(e)=>{
        switch(e.target.innerText){
        case 'C':
                display.innerText='';
                break;
            case '←':
                if (display.innerText) {
                    display.innerText=display.innerText.slice(0,-1);
                }
                break;
            case '=':
                try{
                    display.innerText=eval(display.innerText);
                }catch{
                    display.innerText='Error!';
                }
                break;
            default:
                display.innerText+=e.target.innerText;

        }
    });
})
```

Output:
Registration Page:

Calculator:

Acknowledgement:

I would like to acknowledge and express my deep gratitude to all the person who have been my constant support and helped me in successfully completing this Internship report for the time Submission. I sincerely express my gratitude towards the Global Tech intern for providing this opportunity me.

Conclusion:

Overall, my one-month internship in web development was a 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 valuable in my future career as a web developer.