

# **EVENT REGISTRATION PAGE**

**UI/UX Design Fundamentals**

**INSTRUCTOR NAME: DHIRAJ J**

**INSTITUTION NAME: CHRIST UNIVERSITY**

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| <b><u>NAMES</u></b> | <b><u>REGISTRATION NUMBER</u></b> | <b><u>CHRIST EMAIL ID</u></b>              |
|---------------------|-----------------------------------|--|
| BARATH C G          | 2462507                           | barath.cg@btech.christuniversity.in        |
| RISHI RENJITH       | 2461025                           | rishi.renjith@btech.christuniversity.in    |
| SRI RAMANARAYANA    | 2461029                           | sri.ramanarayana@btech.christuniversity.in |



## Abstract

This project focuses on designing and developing a responsive event registration page using only HTML and CSS. The page includes sections for event details and a registration form to collect participant information. The goal was to ensure a clean, user-friendly interface that works across various screen sizes. Core technologies used were HTML5 for structure and CSS3 for styling and responsiveness. The outcome is a static yet fully responsive registration form suitable for events like workshops, seminars, or meetups.



## Objectives

- Design a user-friendly event registration interface using UI/UX principles
- Create a fully responsive layout using only HTML and CSS
- Implement semantic HTML5 structure for clarity and accessibility
- Use CSS for layout, form styling, and responsive behavior
- Ensure consistency and visual hierarchy across all devices



## Scope of the Project

- Focused entirely on front-end design
- No backend/server-side logic implemented

- Works across desktop, tablet, and mobile viewports
- Built with open-source tools and pure HTML/CSS only

## Tools & Technologies Used

| Tool/Technology | Purpose                       |
|-----------------|-------------------------------|
| HTML5           | Structure and form markup     |
| CSS3            | Styling and layout            |
| VS Code         | Code editor                   |
| Chrome DevTools | Testing and responsive design |

## HTML Structure Overview

- Used semantic tags: <header>, <main>, <form>, <footer>
- Event info and registration form are in separate <section> tags
- Inputs include: name, email, phone number, event selection, and submit button

## CSS Styling Strategy

- External stylesheet (style.css) for separation of concerns
- Layout built using Flexbox and Grid

- Media queries for responsive behavior
- CSS variables used for easy theming
- Hover effects on buttons and input focus transitions

## Key Features

| Feature                 | Description   |
|-------------------------|---|
| Responsive Layout       | Adjusts seamlessly across devices                         |
| Clean Registration Form | Includes all essential input fields                       |
| Visual Hierarchy        | Proper alignment, spacing, and typography for readability |
| Form Styling            | Styled inputs and buttons for consistent UI               |

## Challenges Faced & Solutions

| Challenge                      | Solution  |
|--------------------------------|---|
| Form elements misaligned       | Used Flexbox/Grid for better control                    |
| Overflow issues on mobile view | Applied overflow-x: hidden and media query tweaks       |
| Button styling inconsistency   | Unified styles using reusable CSS classes and variables |

## ✓ **Outcome**

- Designed a responsive and clean event registration interface
- Fully functional on front-end (visual and structural level)
- Gained practical knowledge in layout building and form UI/UX
- Enhanced understanding of semantic HTML and responsive design with CSS

## 🔮 **Future Enhancements**

- Add form validation using JavaScript
- Backend integration for data submission
- Display success messages upon registration
- Include event calendar or session breakdown

## ✳️ **Sample Code:**

### ✳️ Snippet 1 – Barath C G's Registration Section

```
html

<section class="participant-form">
  <h2>Barath C G</h2>
  <form>
    <label>Full Name</label>
    <input type="text" placeholder="Barath C G" required>
    <label>Email</label>
    <input type="email" placeholder="barath.cg@btech.christuniversity.in" required>
    <label>Phone</label>
    <input type="tel" placeholder="1234567890" required>
    <label>Event</label>
    <select>
      <option>Design Bootcamp</option>
      <option>UI/UX Workshop</option>
    </select>
    <button type="submit">Register</button>
  </form>
</section>
```



## Snippet 2 – Rishi Renjith’s Button Styling

CSS

```
form button {  
    background-color: #007bff;  
    color: white;  
    padding: 0.7rem;  
    width: 100%;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    transition: background 0.3s ease;  
}  
  
form button:hover {  
    background-color: #0056b3;  
}
```

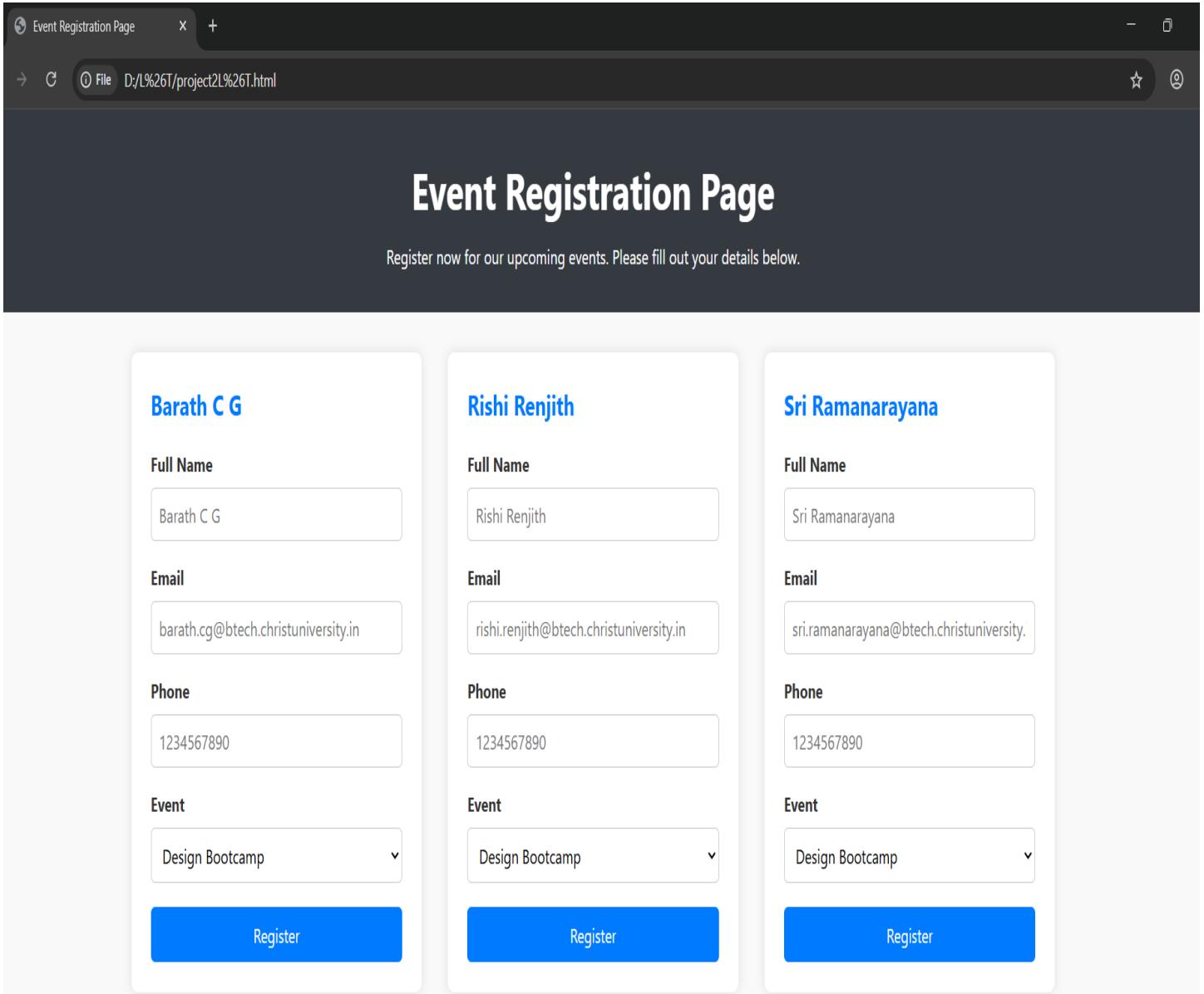


## Snippet 3 – Sri Ramanarayana’s Responsive Media Query

CSS

```
@media (max-width: 768px) {  
    .registration-container {  
        grid-template-columns: 1fr;  
        padding: 1rem;  
    }  
  
    form input, form select {  
        font-size: 1rem;  
    }  
}
```

## Screenshots of Final Output:



The screenshot shows three separate instances of an "Event Registration Page" side-by-side. Each instance has a unique header color (light blue for Barath, light green for Rishi, and light orange for Sri) and a unique name at the top of its form.

| User             | Full Name        | Email                                      | Phone      | Event           | Action                    |
|------------------|------------------|--|------------|-----------------|---------------------------|
| Barath C G       | Barath C G       | barath.cg@btech.christuniversity.in        | 1234567890 | Design Bootcamp | <button>Register</button> |
| Rishi Renjith    | Rishi Renjith    | rishi.renjith@btech.christuniversity.in    | 1234567890 | Design Bootcamp | <button>Register</button> |
| Sri Ramanarayana | Sri Ramanarayana | sri.ramanarayana@btech.christuniversity.in | 1234567890 | Design Bootcamp | <button>Register</button> |



## Conclusion

This event registration page project demonstrates how a well-structured form layout and responsive design can be achieved using only HTML and CSS. The separation of content and style, semantic markup, and accessibility considerations reflect key UI/UX principles. It helped us enhance our skills in layout building, responsive structure, and form usability—all essential to modern web front-end development.



## **References:**

- L&T LMS:  
<https://learn.Intedutech.com/Landing/MyCourse>
- MDN Web Docs – HTML & CSS:  
<https://developer.mozilla.org/>
- W3Schools HTML Forms:  
[https://www.w3schools.com/html/html\\_forms.asp](https://www.w3schools.com/html/html_forms.asp)
- CSS Tricks – Flexbox Guide: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>