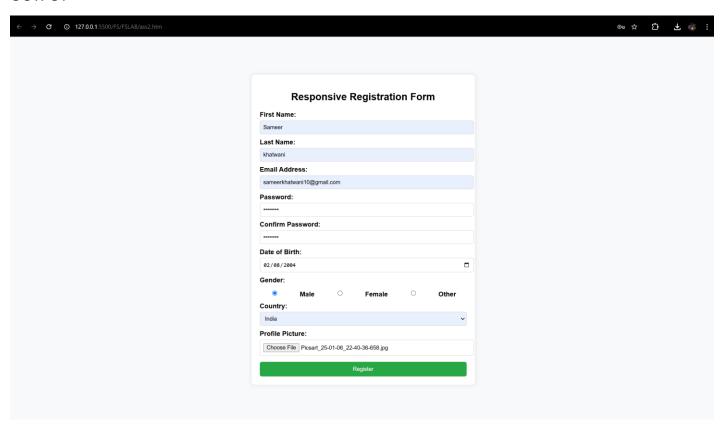
BATCH - AIML-B1 (FS3)

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Responsive Registration Form</title>
    <link rel="stylesheet" href="styles.css">
    <style>
        body {
            font-family: Arial, sans-serif;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            background-color: #f8f9fa;
            margin: 0;
        .container {
            background: #fff;
            padding: 20px;
            border-radius: 8px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
            width: 90%;
            max-width: 500px;
        h2 {
            text-align: center;
        label {
            font-weight: bold;
            display: block;
            margin-top: 10px;
        input, select {
            width: 100%;
            padding: 8px;
            margin-top: 5px;
            border: 1px solid #ccc;
            border-radius: 5px;
        .gender-options {
            display: flex;
            justify-content: space-around;
            margin-top: 5px;
        .gender-options input {
            width: auto;
```

```
button {
           width: 100%;
           background: #28a745;
           color: #fff;
           border: none;
           padding: 10px;
           border-radius: 5px;
           cursor: pointer;
           margin-top: 15px;
       button:hover {
           background: #218838;
   </style>
</head>
<body>
   <div class="container">
       <form id="registrationForm">
           <h2>Responsive Registration Form</h2>
           <label for="firstName">First Name:</label>
           <input type="text" id="firstName" name="firstName" required>
           <label for="lastName">Last Name:</label>
           <input type="text" id="lastName" name="lastName" required>
           <label for="email">Email Address:</label>
           <input type="email" id="email" name="email" required>
           <label for="password">Password:</label>
           <input type="password" id="password" name="password" required minlength="6">
           <label for="confirmPassword">Confirm Password:</label>
           <input type="password" id="confirmPassword" name="confirmPassword" required>
           <label for="dob">Date of Birth:</label>
           <input type="date" id="dob" name="dob" required>
           <label>Gender:</label>
           <div class="gender-options">
               <input type="radio" id="male" name="gender" value="Male" required>
               <label for="male">Male</label>
               <input type="radio" id="female" name="gender" value="Female">
               <label for="female">Female</label>
               <input type="radio" id="other" name="gender" value="Other">
               <label for="other">Other</label>
           </div>
           <label for="country">Country:</label>
           <select id="country" name="country" required>
               <option value="">Select your country</option>
               <option value="USA">USA</option>
               <option value="Canada">Canada</option>
               <option value="UK">UK</option>
```

```
<option value="India">India</option>
            </select>
            <label for="profilePic">Profile Picture:</label>
            <input type="file" id="profilePic" name="profilePic" accept="image/*"</pre>
required>
            <button type="submit">Register</button>
        </form>
    </div>
    <script>
        document.getElementById('registrationForm').addEventListener('submit',
function(event) {
            var password = document.getElementById('password').value;
            var confirmPassword = document.getElementById('confirmPassword').value;
            if (password !== confirmPassword) {
                alert('Passwords do not match.');
                event.preventDefault();
        });
    </script>
</body>
```

OUTPUT



Responsive Registration Form

Design Choices

This registration form was designed with a clean and minimalistic layout to enhance user experience. The design choices include:

- **Center-aligned container**: Ensures better readability and focus.
- White background with shadow: Provides contrast against the light gray page background.
- Consistent spacing and padding: Enhances readability and aesthetics.
- **Fully responsive layout**: The form adapts to different screen sizes, making it accessible on mobile, tablet, and desktop devices.
- Simple and intuitive UI: Clearly labeled input fields and an easy-to-understand structure.

Challenges Faced

- 1. **Responsive Design Implementation**: Ensuring the form adapts well to different screen sizes while maintaining usability.
- 2. Validation Handling: Managing form validation, especially password confirmation.
- 3. **Styling Radio Buttons**: Achieving a user-friendly layout for gender selection.

Additional Features Implemented

- Client-side validation: Implemented using HTML5 attributes like required, email, minlength, etc.
- JavaScript password confirmation check: Ensures both password fields match before submission.
- File input for profile picture: Allows users to upload an image file.

List of Tags Used

- <form>: Defines the registration form.
- <input>: Used for text, email, password, date, radio, and file inputs.
- <select>: Used for the country dropdown menu.
- <button>: Used for the submit button.
- <label>: Provides clear labeling for each input field.
- <script>: Includes client-side validation logic.
- <style>: Contains CSS for styling the form.

This form is designed for ease of use, ensuring a seamless registration experience for users across various devices.