

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <title>Cool Simple Form Validation</title>
7   <link rel='stylesheet' href='https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.1/css/all.min.css'>
8   <link rel="stylesheet" href="./style.css">
9
10 </head>
11
12 <body>
13   <!-- partial:index.partial.html -->
14   <form id="myForm">
15     <h2>Form Validation</h2>
16     <div class="form-group fullname">
17       <label for="fullname">Full Name</label>
18       <input type="text" id="fullname" placeholder="Enter your full name">
19     </div>
20     <div class="form-group email">
21       <label for="email">Email Address</label>
22       <input type="text" id="email" placeholder="Enter your email address">
23     </div>
24     <div class="form-group password">
25       <label for="password">Password</label>
26       <input type="password" id="password" placeholder="Enter your password">
27       <i id="pass-toggle-btn" class="fa-solid fa-eye"></i>
28     </div>
29     <div class="form-group date">
30       <label for="date">Birth Date</label>
31       <input type="date" id="date" placeholder="Select your date">
32     </div>
33     <div class="form-group gender">
34       <label for="gender">Gender</label>
35       <select id="gender">
36         <option value="" selected disabled>Select your gender</option>
37         <option value="Male">Male</option>
38         <option value="Female">Female</option>
39         <option value="Other">Other</option>
40       </select>
41     </div>
42     <div class="form-group submit-btn">
43       <input type="submit" value="Submit">
44     </div>
45   </form>
46
47   <div id="thank-you-content" style="display: none; color: #ffffff" ;>
48     <h1>Thank you for filling out the form correctly 💙</h1>
49   </div>
50   <!-- partial -->
51   <script src="./script.js"></script>
52
53 </body>
54
55 </html>
```



```
1 @import url("https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500;600;700&display=swap");
2
3 * {
4   margin: 0;
5   padding: 0;
6   box-sizing: border-box;
7   font-family: "Open Sans", sans-serif;
8 }
9
10 body {
11   display: flex;
12   align-items: center;
13   justify-content: center;
14   padding: 0 10px;
15   min-height: 100vh;
16   background: #2c3e50;
17 }
18
19 form {
20   padding: 25px;
21   background: #ecf0f1;
22   max-width: 500px;
23   width: 100%;
24   border-radius: 7px;
25   box-shadow: 0 10px 15px rgba(0, 0, 0, 0.05);
26   color: #2c3e50;
27 }
28
29 form h2 {
30   font-size: 27px;
31   text-align: center;
32   margin: 0px 0 30px;
33 }
34
35 form .form-group {
36   margin-bottom: 15px;
37   position: relative;
38 }
39
40 form label {
41   display: block;
42   font-size: 15px;
43   margin-bottom: 7px;
44 }
45
46 form input,
47 form select {
48   height: 45px;
49   padding: 10px;
50   width: 100%;
51   font-size: 15px;
52   outline: none;
53   background: #fff;
54   border-radius: 3px;
55   border: 1px solid #bfbfbf;
```

```
51 font-size: 15px;
52 outline: none;
53 background: #fff;
54 border-radius: 3px;
55 border: 1px solid #bfbfbf;
56 }
57
58 form input:focus,
59 form select:focus {
60   border-color: #9a9a9a;
61 }
62
63 form input.error,
64 form select.error {
65   border-color: #f91919;
66   background: #f9f0f1;
67 }
68
69 form small {
70   font-size: 14px;
71   margin-top: 5px;
72   display: block;
73   color: #f91919;
74 }
75
76 form .password i {
77   position: absolute;
78   right: 0px;
79   height: 45px;
80   top: 28px;
81   font-size: 13px;
82   line-height: 45px;
83   width: 45px;
84   cursor: pointer;
85   color: #939393;
86   text-align: center;
87 }
88
89 .submit-btn {
90   margin-top: 30px;
91   text-align: center;
92 }
93
94 .submit-btn input {
95   color: #ffffff;
96   border: none;
97   height: 50px;
98   width: 100%;
99   font-size: 18px;
100  padding: 0;
101  border-radius: 8px;
102  cursor: pointer;
103  font-weight: 600;
104  text-transform: uppercase;
105  background: #000000;
106  transition: background 0.3s ease, transform 0.3s ease;
107  overflow: hidden;
108}
109
110.submit-btn input:hover {
111  background: #1a1a1a;
112}
113
114.submit-btn input:active {
115  transform: scale(0.95);
116}
117
```

```

1 // Element selection
2 const form = document.getElementById("myForm"),
3   passwordInput = document.getElementById("password"),
4   passToggleBtn = document.getElementById("pass-toggle-btn"),
5   thankYouMessage = document.getElementById("thank-you-content");
6
7 // Error handling function
8 const showError = (field, errorText) => {
9   field.classList.add("error");
10  const errorElement = document.createElement("small");
11  errorElement.classList.add("error-text");
12  errorElement.innerText = errorText;
13  field.closest(".form-group").appendChild(errorElement);
14 };
15
16 // Password strength check
17 const checkPasswordStrength = (password) =>
18   /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[!@#%&*]).{8,}$/.test(password);
19
20 // Validate password
21 const validatePassword = (password) => {
22   if (password === "") {
23     showError(passwordInput, "Enter your password");
24   } else if (!checkPasswordStrength(password)) {
25     showError(
26       passwordInput,
27       "Please enter at least 8 characters with a number, symbol, lowercase, and uppercase letter."
28     );
29   }
30 };
31
32 // Form data handling
33 const handleFormData = (e) => {
34   e.preventDefault();
35   const [fullnameInput, emailInput, dateInput, genderInput] = [
36     "fullname",
37     "email",
38     "date",
39     "gender",
40   ].map((id) => document.getElementById(id));
41
42   const [fullname, email, password, date, gender] = [
43     fullnameInput,
44     emailInput,
45     passwordInput,
46     dateInput,
47     genderInput,
48   ].map((input) => input.value.trim());
49
50   const emailPattern = /^[^ ]+@^[^ ]+\.[a-z]{2,3}$/;
51
52   document
53     .querySelectorAll(".form-group .error")
54     .forEach((field) => field.classList.remove("error"));
55   document
56     .querySelectorAll(".error-text")
57     .forEach((errorText) => errorText.remove());
58
59   if (fullname === "") showError(fullnameInput, "Enter your full name");
60   if (!emailPattern.test(email))
61     showError(emailInput, "Enter a valid email address");
62   validatePassword(password);
63   if (date === "") showError(dateInput, "Select your date of birth");
64   if (gender === "") showError(genderInput, "Select your gender");
65
66   if (!document.querySelectorAll(".form-group .error").length) {
67     form.style.display = "none";
68     thankYouMessage.style.display = "block";
69   }
70 };
71
72 // Toggle password visibility
73 passToggleBtn.addEventListener("click", () => {
74   passToggleBtn.className =
75     passwordInput.type === "password"
76       ? "fa-solid fa-eye-slash"
77       : "fa-solid fa-eye";
78   passwordInput.type = passwordInput.type === "password" ? "text" : "password";
79 });
80
81 // Form submission event handling
82 form.addEventListener("submit", handleFormData);
83

```

# Form Validation

Full Name

Email Address

Password



Birth Date



Gender



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# Form Validation

Full Name

Enter your full name

Enter your full name

Email Address

ramesh@g

Enter a valid email address

Password

.....



Please enter at least 8 characters with a number, symbol, lowercase, and uppercase letter.

Birth Date

dd-mm-yyyy



Select your date of birth

Gender

Select your gender



Select your gender

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