

Email Validation using JS Script & PHP Integration

Topics : [PHP](#)

Written on [March 12, 2024](#)

To validate an email address using both PHP and JavaScript, you can use the following approach:

1. Using JavaScript for Frontend Validation:

```
<!DOCTYPE html>
<html>
<head>
  <title>Email Validation</title>
  <script>
    function validateEmail() {
      var email = document.getElementById("email").value;
      var regex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
      if (regex.test(email)) {
        return true;
      } else {
        alert("Please enter a valid email address");
        return false;
      }
    }
  </script>
</head>
<body>
  <form onsubmit="return validateEmail()">
    <label for="email">Email:</label>
    <input type="text" id="email" name="email">
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

2. Using PHP for Backend Validation:

```
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $email = $_POST["email"];
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        echo "Invalid email format";
    } else {
        echo "Email is valid";
    }
}
?>
<!DOCTYPE html>
<html>
<head>
    <title>Email Validation</title>
</head>
<body>
    <form method="post">
        <label for="email">Email:</label>
        <input type="text" id="email" name="email">
        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

- In JavaScript, the `validateEmail()` function is called on form submission. It checks if the entered email matches the regular expression pattern for a valid email address. If not, it displays an alert.
- In PHP, after the form is submitted, the entered email is retrieved using `$_POST` and validated using `filter_var()` with the `FILTER_VALIDATE_EMAIL` flag. If the email is invalid, an error message is echoed.