Create a React App named “mailregisterapp” which will have a component named “register.js”. Create a form which accepts the name, email and password and validate the fields as per the following:

1. Name should have atleast 5 characters
2. Email should have @ and .
3. Password should have atleast 8 characters.

Ensure that validations are implemented through eventhandle and eventsubmit of a form.

**MyApp.js:**

import React from 'react';

import Register from './register';

function App() {

  return (

    <div className="App">

      <Register />

    </div>

  );

}

export default App;

**register.js:**

// src/register.js

import React, { useState } from 'react';

function Register() {

  const [form, setForm] = useState({

    fullName: '',

    email: '',

    password: ''

  });

  const [errors, setErrors] = useState({

    fullName: '',

    email: '',

    password: ''

  });

  const handleChange = (e) => {

    const { name, value } = e.target;

    setForm(prev => ({ ...prev, [name]: value }));

  };

  const validateForm = () => {

    const newErrors = {};

    if (form.fullName.length < 5) {

      newErrors.fullName = 'Name must be at least 5 characters long';

    }

    if (!form.email.includes('@') || !form.email.includes('.')) {

      newErrors.email = 'Email must include @ and .';

    }

    if (form.password.length < 8) {

      newErrors.password = 'Password must be at least 8 characters long';

    }

    setErrors(newErrors);

    return Object.keys(newErrors).length === 0;

  };

  const handleSubmit = (event) => {

    event.preventDefault();

    if (validateForm()) {

      alert('Form submitted successfully!');

    }

  };

  return (

    <div>

      <h2>Register Here</h2>

      <form onSubmit={handleSubmit}>

        <div>

          <label>Name: </label>

          <input type="text" name="fullName" value={form.fullName} onChange={handleChange} />

          <div style={{ color: 'red' }}>{errors.fullName}</div>

        </div>

        <div>

          <label>Email: </label>

          <input type="email" name="email" value={form.email} onChange={handleChange} />

          <div style={{ color: 'red' }}>{errors.email}</div>

        </div>

        <div>

          <label>Password: </label>

          <input type="password" name="password" value={form.password} onChange={handleChange} />

          <div style={{ color: 'red' }}>{errors.password}</div>

        </div>

        <button type="submit">Register</button>

      </form>

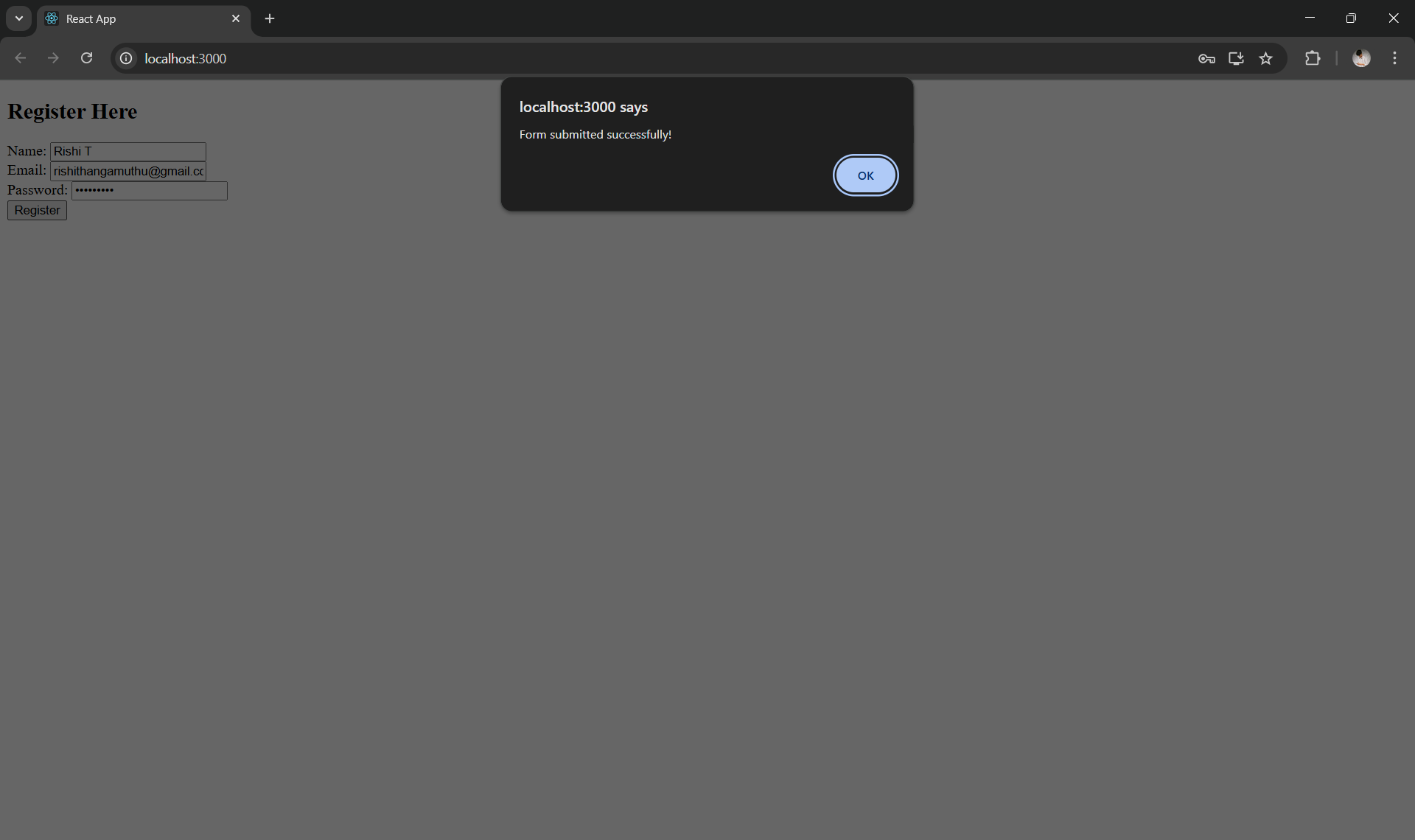
    </div>

  );

}

export default Register;

**OUTPUT:**

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