**Guide to add Google recaptcha verification in the React**

To implement Google reCAPTCHA in a Vite-based React website, you can follow the steps outlined below. Please note that you need to have a Google reCAPTCHA API key for this integration.

**Step 1: Get reCAPTCHA API Key**

Go to the reCAPTCHA website and sign in with your Google account. Create a new site and choose the reCAPTCHA v2 "Checkbox" type. After creation, you will be provided with a site key and a secret key.

**Step 3: Install reCAPTCHA Package**

Install the **react-google-recaptcha** package using npm or yarn:

# Using npm

npm install react-google-recaptcha

# Using yarn

yarn add react-google-recaptcha

**Step 4: Add site key in .env**

VITE\_SITE\_KEY=YOUR\_SITE\_KEY

**Step 4: Integrate reCAPTCHA in Signup Page**

import React, { useState } from 'react';

import ReCAPTCHA from 'react-google-recaptcha';

const Signup = () => {

  const [isRecaptchaVerified, setRecaptchaVerified] = useState(false);

  const handleRecaptchaChange = (value) => {

    // Set the verification state

    setRecaptchaVerified(!!value);

  };

  const handleSubmit = () => {

    if (isRecaptchaVerified) {

      // Perform signup logic here

      alert('Signup successful!');

    } else {

      alert('Please verify reCAPTCHA.');

    }

  };

  return (

    <div>

      <h1>Signup Page</h1>

      {/\* Your signup form here \*/}

      <form onSubmit={handleSubmit}>

        {/\* Your other input fields \*/}

        {/\* Add the reCAPTCHA component \*/}

        <ReCAPTCHA

          sitekey={`${import.meta.env.VITE\_SITE\_KEY}`}

onChange={handleRecaptchaChange} />

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

      </form>

    </div>

  );

};

export default Signup;

**Congratulations you have successfully added google recaptcha verification**