Stripe Integration in react js

Step-1 Set up your stripe account go to [https://stripe.com](https://stripe.com/). After log in go to the stripe dashboard.

Step-2 In the left side at the top click on developer and then select API KEYS.

Step-3 On the API KEYS Page you will be see two type of key publishable key or secret key.

Frontend Part

Step-1 Install the npm I @stripe/react-stripe-js library.

From this library we use Element, Payment Element Component and use Stripe and use Element hook and loadstripe function.

The Payment Element provide the form for payment detail.

To use the Elements provider, call [loadStripe](https://github.com/stripe/stripe-js/blob/master/README.md" \l "loadstripe)   with your publishable key and it also use secret key.

The loadStripe function asynchronously loads the Stripe.js script and initializes a Stripe object.

useElement use to access the stripe elements and useStripe return a reference to the Stripe.js

Step-2 We make three component one is main component that is Stripe.js and in other component is Payment.js where the main component is wrap in Element Component and this component is called in app.js and last one is Completion.js .

Step-3 In the main component the PaymentElement Component is called it show the form of payment detail after submit the function is called name as handlesubmit if there is any error then function return the error or if the payment is successfully done than it return to the completion.js page

Step-4 In the second component two api will be run one is return the publishablekey and second is return the secret key and in that we also pass the amount and currency then we pass both key in the Element Component.

Backend Part

Step-1 Make the two api one is return the publishable key which is stored in environment file take the key from environment file and return to the frontend.

Step-2 And second API take parameter of amount and currency and return the client key which is stored in environment file take the key from environment file and return to the frontend.

Things to remember

->Port number will be same in frontend or backend.

Publishable Key -”pk\_test\_51NEVuWSHhS3On2O48d7X2E71lF23Mqmt5BypLOFzVYpwFSIReIegRe86oNcQfCcX0fP90yoGEbGLOCKIxoLxR3Zs00rNMJnnf5”

Client Key-"sk\_test\_51NEVuWSHhS3On2O4Pa5l8xdHe77Uaz7yxUAHyJoZVomNEZtIQIwC740zYOPaTsOzxhJuB2mbXU3MCfM6OCG545Op009Dbcn6vr"