# STEPS TO INTEGRATE FACEBOOK PIXEL WITH REACT BY **MOHD AMIR**

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1. **Generate Your Pixel Code:** Within Facebook Business Manager, create a new Pixel and follow prompts to acquire the corresponding code. <mark>(If you have one you can use that too)</mark>

2. **Integrate Pixel Code:** Navigate to your React project and create a new component (e.g., Facebook.js) where ever you want. Utilize the useEffect hook to insert the Facebook Pixel code within the component.

   <mark>Do Not forget to add this component to your App component or wherever you wish to track data.</mark>

```javascript
// FacebookPixel.js

import React, { useEffect } from "react";

const Facebook = () => {
  useEffect(() => {
    !(function (f, b, e, v, n, t, s) {
      if (f.fbq) return;
      n = f.fbq = function () {
        n.callMethod
          ? n.callMethod.apply(n, arguments)
          : n.queue.push(arguments);
      };
      if (!f._fbq) f._fbq = n;
      n.push = n;
      n.loaded = !0;
      n.version = "2.0";
      n.queue = [];
      t = b.createElement(e);
      t.async = !0;
      t.src = v;
      s = b.getElementsByTagName(e)[0];
      s.parentNode.insertBefore(t, s);
    })(
      window,
      document,
      "script",
      "https://connect.facebook.net/en_US/fbevents.js"
    );
    fbq("init", "YOUR_PIXEL_ID"); // Insert your Pixel ID here
    fbq("track", "PageView");
  }, []);

  return null;
};

export default Facebook;
```

3. **Track Events:** Employ Facebook Pixel's fbq function to track user actions on your website. Common events include "PageView" for initial page loads.

4. **Customize Tracking:** Tailor Pixel tracking to your specific needs. Facebook Pixel supports various events and parameters to capture detailed user interactions so you can create your own if you have one.

```
5.     // Facebook Pixel - Track form submission event
6.     if (window.fbq) {
7.       window.fbq("track", "Form Submission"); // Custom event name 'Form Submission'
8.     }
```

You can also check the window.fbq object by consoling it. Or you can check your meta dashboard

If you need work with a library I would suggest **react-facebook-pixel.**