**Project Steps:**

1. **npm create vite@latest client -- --template react**
2. **cd client**
3. **npm install**
4. **Remove all boiler plate code (index.js,delete App.css)**
5. **File ->preferences->user snippet->javascriptract** add {

"React Arrow Functional Component": {

"prefix": "rafce",

"body": [

"import React from 'react';",

"",

"const $1 = () => {",

" return (",

" <div>",

" $2",

" </div>",

" );",

"};",

"",

"export default $1;"

],

"description": "React Arrow Functional Component"

}

}

**5.** *import* React *from* "react";

const *App* =()=>{

*return* <div>*Skill Sharing*</div>;

};

*export* *default* App;

**7.copy index.css from assets to src index.css**

**8.Move faviconicon from assets to public**

**9.in index.html change favicon.icon**

**10.to createfavicon image use favicon.io site**

**11. install all libraries to need to exeute the project**

*npm* install @tanstack/react-query@4.29.5 @tanstack/react-query-devtools@4.29.6 axios@1.3.6 dayjs@1.11.7 react-icons@4.8.0 react-router-dom@6.10.0 react-toastify@9.1.2 recharts@2.5.0 styled-components@5.3.10

**12. npm i** [**react-router-dom@6.10.0**](mailto:react-router-dom@6.10.0)

**13.** *in App.js*

*import* { createBrowserRouter, RouterProvider } *from* 'react-router-dom';

const *router* = *createBrowserRouter*([

{

*path*:'/',

*element*:<h1>*home*</h1>,

},

{

*path*:'/about',

*element*:(

<div>

<h2>*about page*</h2>

</div>

),

},

]);

const *App* =()=>{

*return* <RouterProvider *router*={router} />;

};

*export* *default* App;

**14.** *import* { RouterProvider, createBrowserRouter } *from* "react-router-dom";

*import* { DashboardLayout, Error, HomeLayout, Landing, Login } *from* "./pages";

const *router* = *createBrowserRouter*([

{

*path*:"/",

*element*:<HomeLayout />,

*errorElement*:<Error />,

*children*:[

{

*index*: *true*,

*element*:<Landing />,

},

{

*path*:"login",

*element*:<Login />,

},

{

*path*:"dashboard",

*element*:<DashboardLayout />,

},

],

},

]);

const *App* =()=>{

*return* <RouterProvider *router*={router} />;

};

*export* *default* App;

**in desktop folder pages dir copy under src**

**15. Styled component**

We can write Javascript logic and styles withing same file

*npm* install styled-components@5.3.10

16.in Landing.jsx

Landing.jsx

```jsx

*import* styled *from* 'styled-components';

const *Landing* =()=>{

*return* (

<div>

<h1>*Landing*</h1>

<StyledButton>*Click Me*</StyledButton>

</div>

);

};

const *StyledButton* = *styled.button*`

*background-color: red;*

*color: white;*

`;

*export* *default* Landing;

17. const *Landing* =()=>{

*return* (

<Wrapper>

<h1>*Landing*</h1>

<div *className*='content'>some content</div>

</Wrapper>

);

};

const *Wrapper* = *styled.div*`

*background-color: red;*

*h1 {*

*color: white;*

*}*

*.content {*

*background-color: blue;*

*color: yellow;*

*}*

`;

*export* *default* Landing;

18.to get images use this link and change svg code

<https://www.svgviewer.dev/>

19.under src->components->Logo.jsx

*import* logo *from* "../assets/images/logo.svg";

const *Logo* =()=>{

*return* <img *src*={logo} *alt*="Skill" *className*="logo" />;

};

*export* *default* Logo;

20.under component create index.js add

*export* { *default* *as* Logo } *from* './Logo';

21.in Landing.jsx

<nav>

<Logo/>

</nav>

22. logo built in Figma

- [Cool Images](https://undraw.co/)

23.Error .jsx in pages

*import* { Link, useRouteError } *from* 'react-router-dom';

*import* img *from* '../assets/images/not-found.svg';

*import* Wrapper *from* '../assets/wrappers/ErrorPage';

const *Error* =()=>{

const *error* = *useRouteError*();

*console.log*(error);

if(*error.status* ===404){

*return* (

<Wrapper>

<div>

<img *src*={img} *alt*='not found' />

<h3>*Ohh! page not found*</h3>

<p>*We can't seem to find the page you're looking for*</p>

<Link *to*='/dashboard'>back home</Link>

</div>

</Wrapper>

);

}

*return* (

<Wrapper>

<div>

<h3>*something went wrong*</h3>

</div>

</Wrapper>

);

};

*export* *default* Error;

24. assets/wrappers/Error.js

```js

*import* styled *from* 'styled-components';

const *Wrapper* = *styled.main*`

*min-height: 100vh;*

*text-align: center;*

*display: flex;*

*align-items: center;*

*justify-content: center;*

*img {*

*width: 90vw;*

*max-width: 600px;*

*display: block;*

*margin-bottom: 2rem;*

*margin-top: -3rem;*

*}*

*h3 {*

*margin-bottom: 0.5rem;*

*}*

*p {*

*line-height: 1.5;*

*margin-top: 0.5rem;*

*margin-bottom: 1rem;*

*color: var(--text-secondary-color);*

*}*

*a {*

*color: var(--primary-500);*

*text-transform: capitalize;*

*}*

`;

*export* *default* Wrapper;

25.