

Reactonaut

Live React Coding Environment with AI Assistance

Presenter - Anson

Development Team - Elias & Anson

Objectives

- **Develop and test ideas in real-time**
- **Reduce the “Programming Language Barrier”**
- **Allow developers to focus on bigger concepts**



File Name

```
1
2 function LandingPage() {
3   const [buttonClicked, setButtonClicked] = useState(false);
4
5   const handleClick = () => {
6     setButtonClicked(true);
7   };
8
9   const containerStyle = {
10    backgroundImage: 'linear-gradient(to right, #6a11cb,
11      #2575fc)',
12    minHeight: 'calc(100vh - 200px)',
13    display: 'flex',
14    flexDirection: 'column',
15    justifyContent: 'center',
16    alignItems: 'center',
17    textAlign: 'center',
18    padding: '2rem',
19    color: 'white',
20  };
21
22  const buttonStyle = {
23    background: 'white',
24    color: 'blue',
25    padding: '0.5rem 1rem',
26    borderRadius: '5px',
27    cursor: 'pointer',
28    fontSize: '1rem',
29    fontWeight: 'bold',
30    marginTop: '1rem',
31  };
32
33  return (
34    <div style={containerStyle}>
35      <h1>Welcome to Our Website</h1>
```

PREVIEW

CHAT GPT

Welcome to Our Website

We provide top-notch services and solutions for our customers. Explore our offerings and find the best fit for your needs!

[Learn More](#)

Target Users

Current

- JS/React Developers
- Mostly for New Devs
- Mostly for Front-End Devs

Future

- ALL Developers
- Both New & Experienced
- Both Front & Back End Devs

Benefits

General

- Get quick help from AI
- Focus more on efficient coding
- Save time
 - less searching, switching tabs, etc.

Newbies

- Easier to just start messing around
- Learn from AI-implemented code

Experienced

- Let AI do the small tasks (make button bigger)
- Spend more time on the bigger concept

Future Potentials

- + Improve AI assistant speed
- + Implement prompt enhancing feature
- + Implement a more advanced editor
 - CodeSandbox's Sandpack
- + Allow more languages (back-end)
 - Java, Python, etc.
- + Implement Open AI's CodeX
 - Analyze and optimize code



Related Links

Development Team

- Elias - Back-End
 - GitHub: @admineral
- Anson - Front-End / Presenter
 - GitHub: @asj9469

Prototype

- reactor-phi.vercel.app

Project Repo

- [admineral/Reactor](https://github.com/admineral/Reactor)