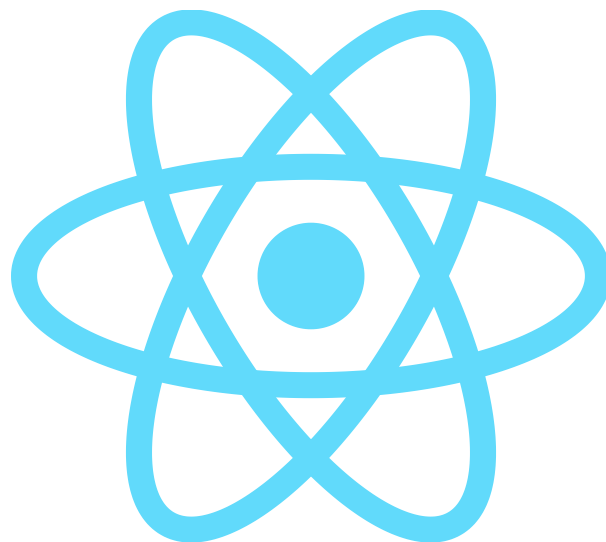


Programowanie App Internetowych

React



React

Benefits:

- JSX - JSX is a syntax extension to JavaScript with react;
- Virtual Document Object Model (DOM)
- Performance - There are several ways to speed up the react application by using virtual DOM because it reduces the re-render time;
- One-way data-binding - Information flows in one direction.

JSX

From react.dev:

```
function MyButton() {  
  return (  
    <button>I'm a button</button>  
  );  
}
```

JSX

```
function MyButton() {  
  return (<button>I'm a button</button>);  
}  
  
const app = document.getElementById('app');  
ReactDOM.render(<><h1>Develop. Preview. Ship. 🚀 </h1><MyButton /></>, app);
```

React

- React Props
- ReactJS State
- ReactJS Components
- React with Redux