

React II: Advanced techniques

Course code: JS_REACT2

This course is designed for advanced JavaScript programmers who want to expand their knowledge of front-end application development in React. The course will give you an overview of hook functions, memoization, reducers and server-side components. The course assumes knowledge of JavaScript at the [JS_PROG2] course level and knowledge of the React library at the [JS_REACT1] course level.

Affiliate	Duration	Course price	ITB
Praha	2	11 000 Kč	20
Brno	2	11 000 Kč	20
Bratislava	2	440 €	20

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
 27.04.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Brno
 27.04.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Praha
 27.04.2026	2	440 €	Telepresence	CZ/SK	GOPAS Bratislava

The prices are without VAT.

For whom the course is intended

What we will teach you

- Work with built-in React hooks
- Create custom hooks
- Memoization
- Work with server components

Required Entry Level Skills

- Course-level knowledge of JavaScript [JS_PROG2].
- Course-level knowledge of the React library [JS_REACT1]

Course outline

Use of references

- ElementRef
- useSelector
- useRef

Memoization

- useMemo
- useCallback
- React compiler

Reducers

- what is a reducer?
- useReducer

Suspense and defer

- Suspense component
- useDeferredValue

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Server components

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