

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
 17.12.2025	2	11 000 Kč	Online	CZ/SK	Online
 17.12.2025	2	440 €	Online	CZ/SK	Online
 26.01.2026	2	9 900 Kč	Telepresence	CZ/SK	GOPAS Praha
 26.01.2026	2	9 900 Kč	Telepresence	CZ/SK	GOPAS Brno
 26.01.2026	2	396 €	Telepresence	CZ/SK	GOPAS Bratislava
 27.04.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Brno
 27.04.2026	2	440 €	Telepresence	CZ/SK	GOPAS Bratislava
 27.04.2026	2	11 000 Kč	Telepresence	CZ/SK	GOPAS Praha

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

- useRef
- useId
- useRef

Memoization

- useMemo
- useCallback
- React compiler

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved

React II: Advanced techniques

Reducery

- what is a reducer?
- useReducer

Suspence and defer

- Suspense component
- useDeferredValue

Server components

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved