# 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.

### 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
- useld
- useRef

#### Memoization

- useMemo
- useCallback
- React compiler

#### Reducery

- what is a reducer?
- useReducer

## Suspence and defer

- Suspense component
- useDefferedValue

Server components

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