

# 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	15 400 Kč	20
Brno	2	15 400 Kč	20
Bratislava	2	660 €	20

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
05.06.2025	2	660 €	Online	CZ/SK	Gopas Bratislava Online
05.06.2025	2	15 400 Kč	Online	CZ/SK	Gopas Praha Online

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
- useId
- useRef

Memoization

- useMemo
- useCallback
- React compiler

Reducery

- what is a reducer?
- useReducer

Suspence and defer

- Suspense component
- useDeferredValue

Server components

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