

# Introduction to React.js

Course code: REACTJS1

This course is designed for JavaScript programmers who want to learn how to use React.js library services in their front-end web applications. You learn, among other things, to use JSX to create user interface components, manage events, and use patterns and techniques such as Flux and Redux.

Affiliate	Duration	Course price	ITB
Praha	3	19 800 Kč	30
Brno	3	19 800 Kč	30
Bratislava	3	855 €	30

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
<b>G</b> 30.10.2024	3	19 800 Kč	Presence	CZ/SK	GOPAS Praha
27.11.2024	3	855 €	Online	CZ/SK	GOPAS Bratislava online
27.11.2024	3	19 800 Kč	Online	CZ/SK	GOPAS Praha online
19.02.2025	3	19 800 Kč	Presence	CZ/SK	GOPAS Praha
09.06.2025	3	19 800 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

## What we teach you:

- Architecture and the terminology of React.js
- Create front-end applications for data collection, validation, and presentation
- Create your own React.js components
- Source user events within the React.js application
- Use Flux and Redux patterns

## Who the course is for:

- The course is taught for front-end JavaScript application programmers who want to use the React.js library for common user interaction management tasks.

## Required skills:

- Knowledge of HTML
- Language programming in JavaScript

## Teaching methods:

- Professional explanation with practical samples and examples.

## Teaching materials:

- Powerpoint handouts and module printouts.

## Course syllabus:

Introduction

- Current web applications and their architecture
- MVC, MVP, MVVM - Division of Responsibilities and Routing
- The right place in the stack

Setting up the development environment

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# Introduction to React.js

- CDN
- Locally

Anatomy React applications

- JSX
- Components
- Events

Presentation of data and inputs

- CSS and dynamic class setting
- Collaboration with external libraries
- Forms and validations

Routing

Flux and Redux

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