

Vue.js - basic course

Course code: VUEJS1

In this course, we will get to know the popular Javascript framework Vue.js. The course is focused on understanding the concept of Vue.js and its basic functionality, while we will create a simple single page application as part of the course. You will learn how to use routing, you will become familiar with the application life cycle and state management, and you will also learn to work with forms and other auxiliary libraries.

Affiliate	Duration	Course price	ITB
Praha	3	23 100 Kč	30
Brno	3	23 100 Kč	30
Bratislava	3	990 €	30

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
14.10.2024	3	990 €	Online	CZ/SK	GOPAS Bratislava online
14.10.2024	3	23 100 Kč	Online	CZ/SK	GOPAS Praha online
04.12.2024	3	990 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
16.12.2024	3	23 100 Kč	Presence	CZ/SK	GOPAS Praha
07.04.2025	3	23 100 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

What we will teach you

- We will teach you to create your own simple applications in Vue.js
- You will learn to use routing and become familiar with the application life cycle and state management
- You will learn to work with forms and other helper libraries

For whom the course is intended:

- The course is intended for developers who want to learn to work with the latest javascript framework Vue.js

Required entry skills

- The course assumes basic knowledge of JavaScript version ES5 and ES6 at the INTJS and JS_ES6 course level

Teaching methods

- Expert interpretation with practical examples, exercises on computers.

Studying materials

- Online presentation of discussed material and exercises.

Course outline

Introduction

- What is Vue.Js?
- Framework history
- Comparison with other frameworks

The theoretical part

- Presentation of data
- Variable interpolation and data display
- Built-in directives

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- Rendering of more complex data types

Work with data

- Data binding
- Calling actions
- Events

Using lifecycle hooks

- BeforeCreate
- Created
- BeforeMount
- Mounted and more

Routing

- Basics of routing in SPA
- Dynamic routing and history
- Global components

Vuex - state management

- What is vuex?
- What is a state management pattern
- State &&Getters
- Actions and mutations

Forms

- Validation of forms
- Form submission
- Error handling

Auxiliary libraries

- Vue CLI
- Vue Router
- Vue DevTools
- Nuxt.js

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