

# Introduction to Vue.js

Course code: JS\_VUE1

In this tutorial, we will learn about the popular Javascript framework Vue.js. The course focuses on understanding the concept of Vue.js and its basic functionality, and we will create a simple single page application. You will learn how to use routing, get familiar with the application lifecycle and state management, and learn how to work with forms and other helper 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
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The prices are without VAT.

### What we will teach you

- We will teach you how to create your own simple applications in Vue.js
- You will learn how to use routing and get familiar with application lifecycle and state management
- Learn how to work with forms and other helper libraries

### Who this course is for:

- This course is for developers who want to learn how to work with the latest javascript framework, Vue.js.

### Required prerequisite knowledge

- The course assumes a basic knowledge of JavaScript versions ES5 and ES6 at the INTJS and JS\_ES6 course level.

### Course outline

#### Introduction

- What is Vue.Js?
- History of the framework
- Comparison with other frameworks

#### Theoretical part

- Data presentation
- Variable interpolation and data display
- Built-in directives
- Rendering of more complex data types

#### Working with data

- Data binding
- Calling actions
- Events

#### Using lifecycle hooks

- BeforeCreate
- Created
- BeforeMount
- Mounted and more

#### Routing

#### GOPAS Praha

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

#### GOPAS Brno

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

#### GOPAS Bratislava

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



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# Introduction to Vue.js

- SPA routing basics
- Dynamic routing and history
- Global components

## Vuex - state management

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

## Forms

- Form Validation
- Submitting a form
- Error handling

## Auxiliary libraries

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

### **GOPAS Praha**

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

### **GOPAS Brno**

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

### **GOPAS Bratislava**

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



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