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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.

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
- 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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