

Training plan (3 days)

# Great user interfaces with React

*Learn how to write great user interfaces in JavaScript with React and Redux.*

by

**TailorDev**  
{Academy}

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## Target audience

Anyone willing to build nice user interfaces (a.k.a. client-side applications) with [React](#), Facebook Open Source library for building interactive UIs.

## Goals

- Learn how to build great user interfaces
- Understand how to use React and Redux
- Get an overview of the huge JavaScript ecosystem

## Prerequisites

You should be comfortable with front-end development. You must know the basics of HTML, CSS and JavaScript.

## Training plan

### DAY 1

- Introduction
  - What is React?
  - What is Flux?
  - What is Redux?
  - Modern JavaScript
  - Unit testing
  - Transpilation with Babel
  - Code coverage
- Writing components
  - The JSX syntax
  - About imports
  - Dealing with data (props/state)
  - Receiving user's events
  - Forms
  - Divide and conquer
  - Advanced concepts
  - Unit testing/Snapshots

## DAY 2

- Managing application state
  - What is Redux?
  - Writing reducers, action creators and actions
  - Ducks!
  - Connecting React and Redux
  - (Redux) Dev Tools
  - Unit testing
  - Refactoring with selectors

## DAY 3

- Consuming APIs
  - Fetch and HTTP
  - Redux middleware
  - Routing
- The sky is the limit!
  - Code formatting
  - Flow types
  - Performance optimization
  - More on testing
  - Server-Side Rendering

## **Pricing for information purposes only (per attendee\*)**

1400 € HT

\* = as part of an inter-company training (scheduled by TailorDev Academy). From 3 employees of a same company/entity, it is more interesting to organize an intra-company training. Please get in touch with us!