

React.js

Hamburg Coding School, 15.05. - 21.06.2023

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Course channel: #fullstack-2023-1

Schedule

Class

Mon, 15. May	18:00 - 21:00
Wed, 17. May	18:00 - 21:00
Mon, 22. May	18:00 - 21:00
Wed, 24. May	18:00 - 21:00
Fri, 26. May	18:00 - 21:00
Tue, 30. May	18:00 - 21:00
Thu, 01. June	18:00 - 21:00
Mon, 05. June	18:00 - 21:00

Project Consultation

Fri, 09. June	18:00 - 20:00
Fri, 16. June	18:00 - 20:00

Whiskey Tango Foxtrot GmbH, Gasstraße 4, Haus K, 22761 Hamburg

Remote Channel: <https://around.co/r/2023-1>

Agenda

For orientation.

Topics can be changed according to the pace of the class.

- Introduction to React
 - Modern JavaScript, ES6 and beyond
 - The React framework
- React projects
 - npm and dependency management
 - Scaffolding with the vite bundler
 - Components
 - JSX
- React foundations
 - Props
 - useState
 - useEffect
- Single Page Applications (SPAs)
 - Front-end vs. back-end
 - Routing with wouter
 - Network communication
- Practical Project
 - Porting a project to React
 - Structure: Reusable Components and CSS
 - DOM interactions
 - Integration of 3rd-party libraries
 - Deployment
- Architecture
 - Global state management with zustand
- Styling
 - UI Frameworks: Components vs. CSS classes vs. CSS utilities
 - CSS in JS (styled-components)