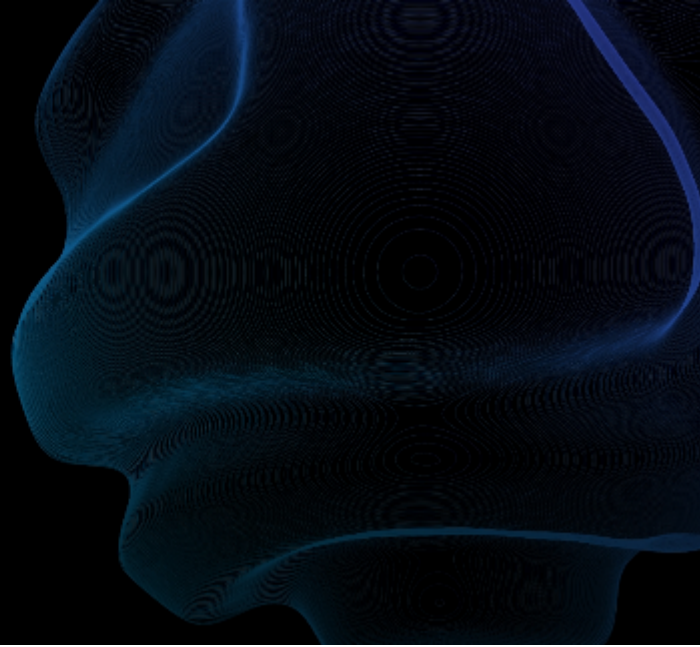


React

3jours / 21h



Learning outcomes

- Develop (single page) applications with React
- Understand the orientations of the React framework (components, server calls, forms, injection of dependencies, etc.)

Target audience

- Developers, integrators, software architects, technical project managers

Prerequisites

- Knowledge of HTML and CSS.

Have followed or have knowledge equivalent to the courses:

- JavaScript: the fundamentals of language
- JavaScript: develop web applications
- TypeScript: the fundamentals of the language

Course Outline

1 Introduction to React – Fundamentals

- Element, JSX, functional component, property communication
- Architecture of a React application, component tree
- Event and state management of a component
- React Hooks
- Conditional display, list of elements, advanced composition

2 Advanced concepts

- Controlled component and references
- Life cycle, side effects
- React Context
- Navigation (routing)
- React form management

3 Architectures with React

- How to manage the state of an application
- Introduction to Redux and its alternatives
- An isolated business layer
- Dependency injection
- Test a React application