**REACT**

**About the course**

This course will teach you React.js in a practice-oriented way, using all the latest patterns and best practices you need. You will learn all the key fundamentals as well as advanced concepts and related topics to turn you into a React.js developer.

This is a huge course because **it really covers EVERYTHING you need to know and learn to become a React.js developer!**

No matter if you **know nothing about React** or if you already **got some basic React knowledge** (not required but also not a problem), you will get **tons of useful information and knowledge out of this course**!

My goal with this course is to ensure that you feel confident working with React, so that you can apply for React jobs, use it in your own projects or simply enhance your portfolio as a developer - whatever your goal is: This course gets you there!

I originally created this course in 2017 and I have kept it updated since that - **redoing it from the ground up in 2021**. And of course I'm dedicated to keeping this course up-to-date - so that you can rely on this course to learn React in the best possible way!

**What's in this course?**

* A thorough introduction to React.js (What is it and why would you use it?)
* All the core basics: How React works, building components with React & building UIs with React
* Components, props & dynamic data binding
* Working with user events and state to create interactive applications
* A (thorough) look behind the scenes to understand how React works under the hood
* Detailed explanations on how to work with lists and conditional content
* React Hooks (in-depth)!
* Working with built-in Hooks and building custom Hooks
* How to debug React apps
* Styling React apps with "Styled Components" and "CSS Modules"
* Working with "Fragments" & "Portals"
* Dealing with side effects
* Class-based components and functional components
* Sending Http requests & handling transitional states + responses
* Handling forms and user input (incl. validation)
* Redux & Redux Toolkit
* Routing with React Router
* An in-depth introduction into Next.js
* Deploying React Apps
* Implementing Authentication
* Unit Tests
* Combining React with TypeScript
* Adding Animations
* Tons of examples and demo projects so that you can apply all the things you learned in real projects
* And so much more - check out the full curriculum on this page!

This really is the "Complete Guide" - promised!

And best of all?

**You don't need any prior React knowledge!**

This course starts with zero knowledge assumed! **All you need is basic web development and JavaScript knowledge** (though the course even **includes a brief JavaScript refresher** to ensure that we're all on the same page!).**Structure**

**Section 1:** Getting Started

**Section 2:** Javascript Refresher

**Section 3:** React Basics & Working With Components

**Section 4:** Fundamentals of Responsive Web Design

**Section 5:** React State & Working with Events

**Section 6:** Rendering Lists & Conditional Content

**Section 7:** Styling React Components

**Section 8:** Debugging React Apps

**Section 9:** Diving Deeeper: Working with Fragments, Portals & "Refs"

**Section 10:** Advanced: Handing Side Effects, Using Reducers & Using the Context API

**Section 11:** Practice Project: Building a Food Oder App

**Section 12:** Alook Behind The Secens Of React & Optimization Techniques

**Section 13:** An Alternative Way Of Building Components: Class based Components

**Section 14:** Sending Http Requests

**Section 15:** Building Custom React Hooks

**Section 16:** Diving into Redux

**Section 17:** Advanced Redux

**Section 18:** Adding Authentication To React Apps

**Section 19:** Introduction to Next.js

**Section 20:** Animating React Apps

**Section 21:** Replacing Redux with React Hooks

**Section 22:** Testing React Apps

**Section 23:** React + Typescript

**Time**

Begin in: July 25th 2021

* Friday: 8:00 – 11:30
* Saturday: 8:00 – 11:30

**Cost**

Course React: $59.99