



JONAS SCHMEDTMANN

# THE ULTIMATE REACT COURSE

 @JONASSCHMEDTMAN

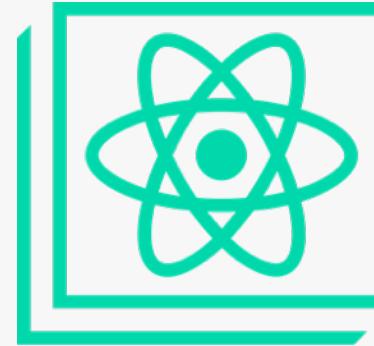
**SECTION**

A FIRST LOOK AT REACT

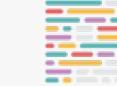
**LECTURE**

SETTING UP A NEW REACT  
PROJECT: THE TWO OPTIONS

# THE TWO OPTIONS FOR SETTING UP A REACT PROJECT



## CREATE-REACT-APP

- 👉 Complete “starter kit” for React applications
- 👉 Everything is already configured: ESLint, Prettier, Jest, etc.  ESLint  Prettier  Jest
- 👉 Uses slow and outdated technologies (i.e. webpack)



## VITE

- 👉 Modern build tool that contains a template for setting up React applications
- 👉 Need to manually set up ESLint (and others)
- 👉 Extremely fast hot module replacement (HMR) and bundling



Most of the course

- ✓ Use for tutorials or experiments
- ✗ Don't use for a real-world app



By the end of the course

- ✓ Use for modern real-world apps

# WHAT ABOUT REACT FRAMEWORKS?

NEXT.js

Remix

- 👉 The React team now advises to use a “**React Framework**” for new projects
- 👉 Many people think that this is not the best idea: “**vanilla**” React apps are important too!
- 👉 This only makes sense for building actual products, **not for learning React**
- 👉 Of course, you still need to **learn React itself**

✌️ Don’t worry about this recommendation for now. Let’s just learn React!

LEARN REACT > INSTALLATION >

👉 react.dev

## Start a New React Project

If you want to build a new app or a new website fully with React, we recommend picking one of the React-powered frameworks popular in the community. Frameworks provide features that most apps and sites eventually need, including routing, data fetching, and generating HTML.

### Production-grade React frameworks

#### Next.js

**Next.js** is a full-stack React framework. It’s versatile and lets you create React apps of any size—from a mostly static blog to a complex dynamic application. To create a new Next.js project, run in your terminal:

Terminal

```
npx create-next-app
```

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If you’re new to Next.js, check out the [Next.js tutorial](#).

Next.js is maintained by [Vercel](#). You can [deploy a Next.js app](#) to any Node.js or serverless hosting, or to your own server. [Fully static Next.js apps](#) can be deployed to any static hosting.

#### Remix

**Remix** is a full-stack React framework with nested routing. It lets you break your app into nested parts that can load data in parallel and refresh in response to the user actions. To create a new Remix project, run: