

**Welcome To
This Course!**

What is NextJS?

The React Framework for Production

A **fullstack** framework for
ReactJS

NextJS solves common
problems and makes
building React apps easier!

The React Framework for Production

```
graph TD; Title[The React Framework for Production] --- Box1[You still write React code, you still build React components and use React features (props, state, context, ...) NextJS just enhances your React apps and adds more features]; Title --- Box2[Lots of built-in features (e.g. routing) that help you solve common problems & clear guidance on how to use those features]; Title --- Box3[There are certain problems which you will need to solve for almost all production-ready React apps: NextJS solves those for you];
```

You still write React code, you still build React components and use React features (props, state, context, ...)

NextJS just enhances your React apps and adds more features

Lots of built-in features (e.g. routing) that help you solve common problems & clear guidance on how to use those features

There are certain problems which you will need to solve for almost all production-ready React apps: NextJS solves those for you

NextJS – Key Features & Benefits



File-based Routing

Define pages and routes with files and folders instead of code

Less code, less work, highly understandable



Server-side Rendering

Automatic page pre-rendering: Great for SEO and initial load

Blending client-side and server-side: Fetch data on the server and render finished pages



Fullstack Capabilities

Easily add backend (server-side) code to your Next / React apps

Storing data, getting data, authentication etc. can be added to your React projects

About This Course & Course Outline

Theory / Small
Demos & Examples



More Realistic
(Bigger) Example
Projects



Challenges &
Exercises

File-based Routing

Page Pre-Rendering &
Data Fetching

Combining “Standard
React” & NextJS

API Routes & Fullstack
Capabilities

Basics & Foundation
(Introducing Key Features)

Optimization
Opportunities

Looking Behind the Scenes
& Theory

Deployment &
Configuration

Authentication

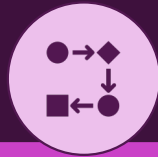
Advanced Concepts
(Building for Production)

ReactJS Refresher

NextJS Summary

Summaries & Refreshers
(Optimizing your Time)

Taking This Course: Two Options



Standard Approach *(Recommended)*

Start with lecture 1 in section 1 and go through the course step by step

Skip ReactJS refresher module if you don't need it

Use NextJS summary module at the end to summarize what you learned or to refresh knowledge in the future



Summary Approach *(If you're in a hurry)*

Skip forward to the NextJS summary module

Optionally also take ReactJS refresher module if you need it

Go through the entire course after going through the summary module and / or if you got more time in the future

How To Get The Most Out Of The Course



Watch the Videos
(choose your pace)



Code Along & Practice
(also without me telling you)



Debug Errors & Explore Solutions
(also use code attachments)



Help Each Other & Learn Together
(Discord, Q&A Board)