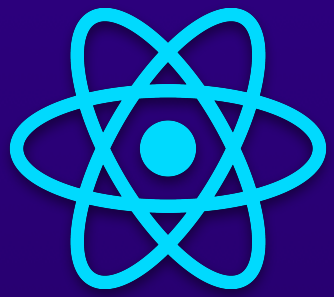
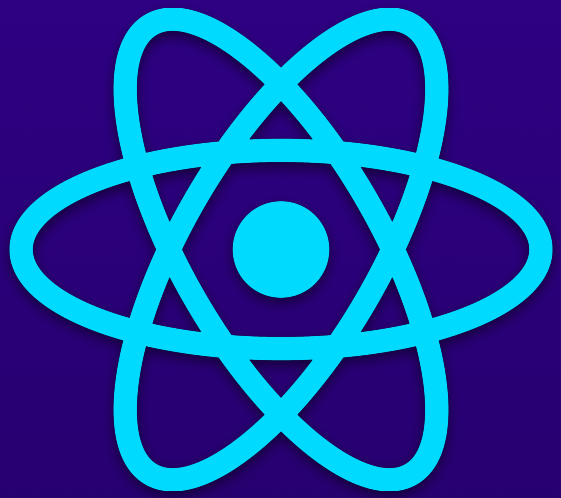


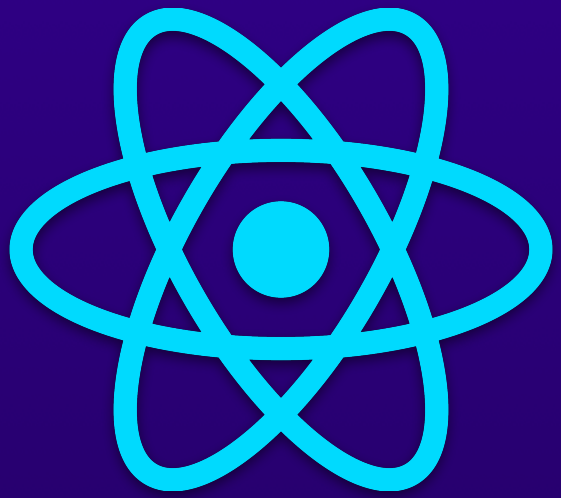
No prior React experience required

Basic web dev & JavaScript knowledge is assumed

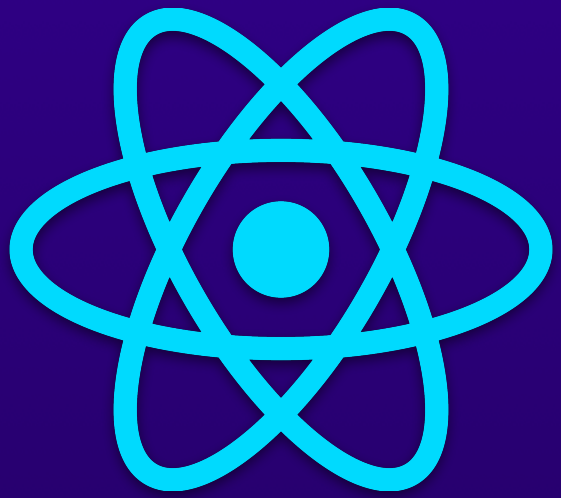


What Is React?

And why exactly would you use it?

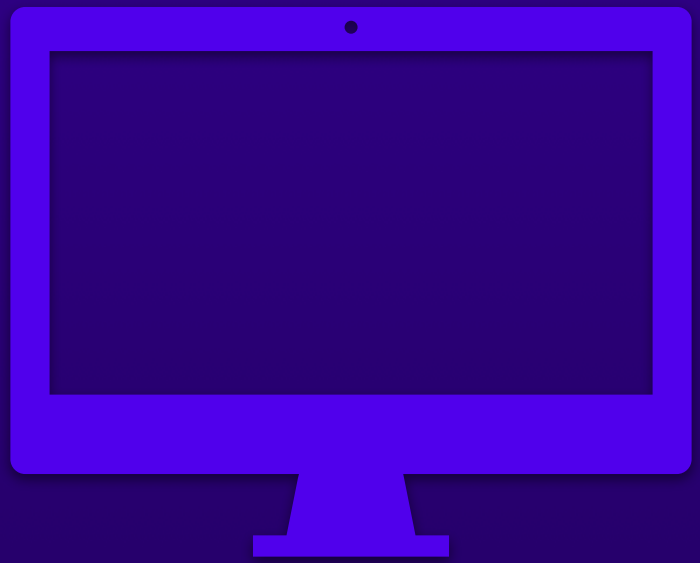


A library for building user interfaces

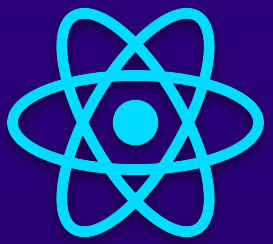


A JavaScript library for building user interfaces

But why would you use it?

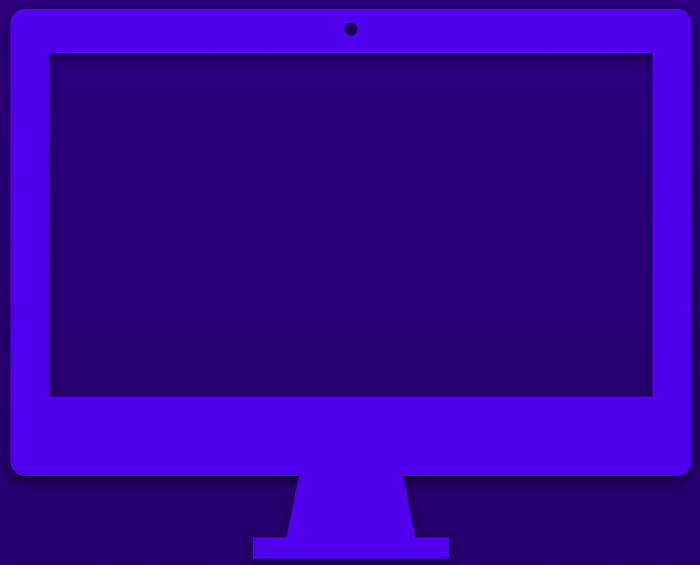


Displays & manages website content & UI



React builds up on JavaScript (it's a JS library!)

As a React developer, you'll write React-specific JavaScript code



Displays & manages website content & UI

React builds up on JavaScript (it's a JS library!)

As a React developer, you'll write React-specific JavaScript code

In the end, it's JavaScript doing the "magic"

React just uses JavaScript features

Why not just JavaScript?

Using “Just JavaScript” Isn’t A (Great) Option

- It quickly becomes **cumbersome**
- It quickly becomes **error-prone**
- It quickly becomes **hard to maintain** or edit
- **React** offers a way **simpler “mental model”**

React = Declarative UI Programming

With React, you define the target UI state(s) — not the steps to get there

Instead, React will figure out & perform the necessary steps

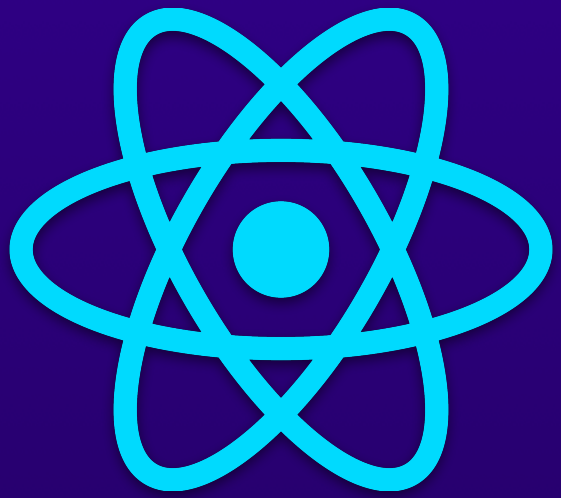
Declarative

Define the goal, not the steps

Different Paradigms

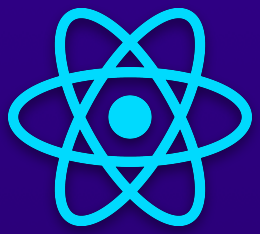
Imperative

Define the steps, not the goal



Our First React App

Time To Get Your Hands Dirty!



Our First React App

Time To Get Your Hands Dirty!

- Use the attached (updated!) demo app
- Add a fourth button
- Load the content for this button from the `content` array

About This Course

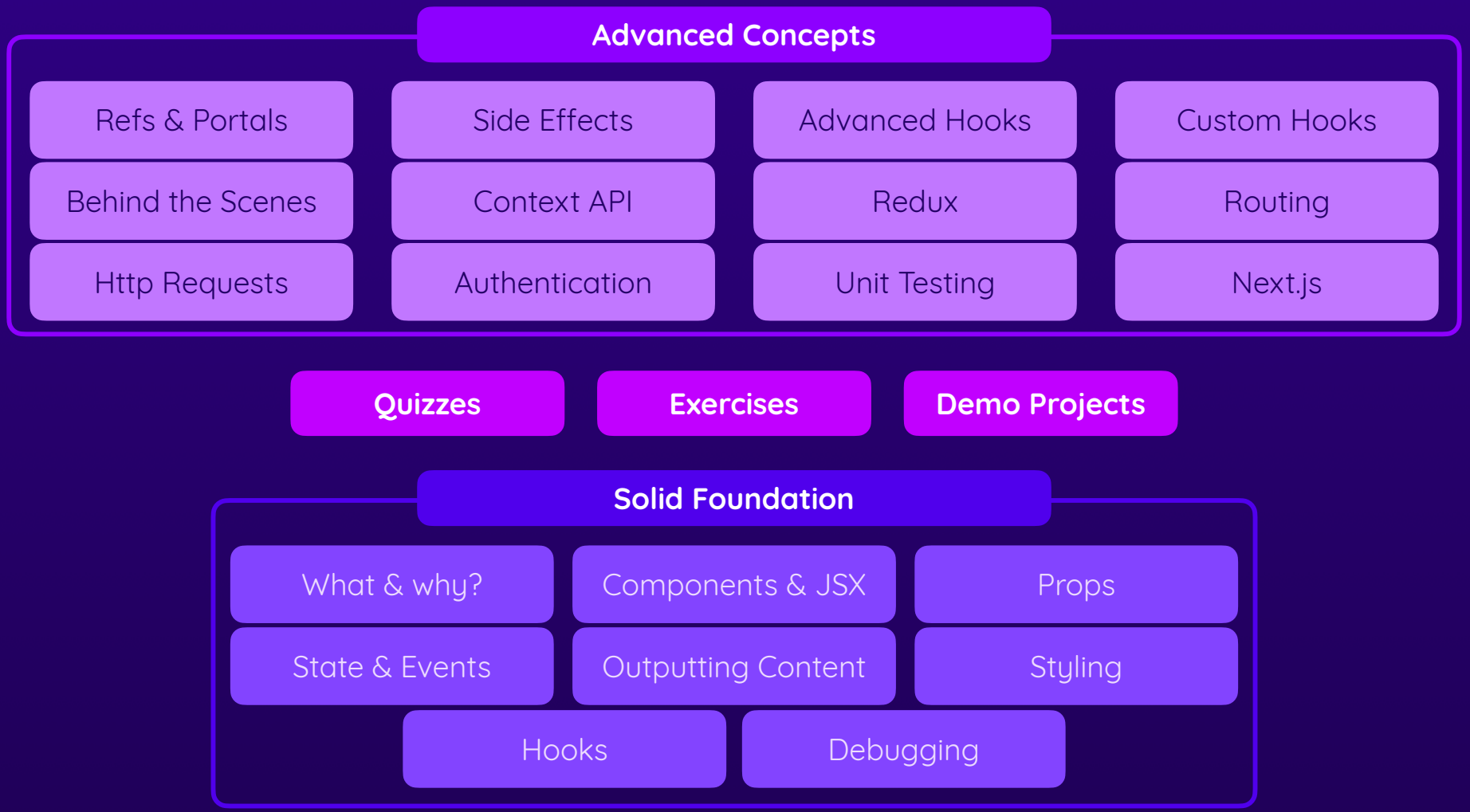
Advanced Concepts

- Refs & Portals
- Side Effects
- Advanced Hooks
- Custom Hooks
- Behind the Scenes
- Context API
- Redux
- Routing
- Http Requests
- Authentication
- Unit Testing
- Next.js

Quizzes | **Exercises** | **Demo Projects**

Solid Foundation

- What & why?
- Components & JSX
- Props
- State & Events
- Outputting Content
- Styling
- Hooks
- Debugging



Standard Path

Fast-track Path

Standard Path

Recommended

Start in lecture 1 in section 1

Proceed through course lecture by lecture,
section by section

Learn React from the ground up &
in great detail

Fast-track Path

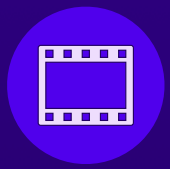
If you're in a hurry or you just want a React refresher

Complete section 1, then advance to **section 30**
(React Summary section)

Just the React essentials

Less deep dives & less advanced
concepts

How To Get The Most Out Of This Course



Watch the Videos

- At your pace: Use the video player controls
- On-Demand: Repeat videos & sections as needed

Code Along & Practice

- Pause & try things on your own
- Practice what you learned (also in your own projects)
- Use attached slides & code snapshots

Help Each Other

- Ask & answer in the Q&A section
- Join our amazing Discord community!

ACADEMIND

Creating React Projects

Local Setup

Create React projects **locally** on your system

Requires installation of tools & creation of files on your system

Use a locally installed code editor (e.g., VS Code) with **any settings and extensions** of your choice

Browser-based Setup

Create **remote** React projects via CodeSandbox (or similar)

No software installed, no files created on your local system

Use a (mostly) **pre-configured** code editor inside of your browser