Complete React Developer Course Guideline

Zero to Mastery Course Catalog

React Basics

Environment Setup for Mac

- Visual Studio Code
- NVM
- NodeJS
- Yarn

Environment Setup for Windows

- Visual Studio Code
- GitBash
- NodeJS
- Yarn

Monsters Rolodex

- Github Repo of completed monsters rolodex project
- Google Fonts
- JSON placeholder
- Robohash
- Redux-Devtools Chrome Extension

Pure React

- UNPKG React
- UNPKG React-DOM

<u>Capstone Project: Intro + Setup</u>

Crwn-Clothing V-2

• Github Repo

Scaffolding our Project

• Github Repo + Branch: Lesson 1

Setting Up Our Categories

• Github Repo + Branch: Lesson 2

Category Item Component

• Github Repo + Branch: Lesson 3

Directory Component

• Github Repo + Branch: Lesson 4

Adding Fonts

Open Sans Font

Routing + React-Router

Setting Up Our Homepage

- React-Router V6 Docs
- Github Repo + Branch: Lesson 5

<u>Authentication + Firebase</u>

Setting Up Firebase

Firebase

Authentication Flow

- Github Repo + Branch: Lesson 6
- Firebase V9 Docs

Finish Creating User Documents

• Github Repo + Branch: Lesson 7

Sign In Form

• Github Repo + Branch: Lesson 8

Finishing Authentication Page

• Github Repo + Branch: Lesson 9

React Context For State Management

Signing Out

• Github Repo + Branch: Lesson 10

Observer Pattern

Finalizing Auth Listener

• Github Repo + Branch: Lesson 11

React Context Continued

Product Card Component

- Github Repo + Branch: Lesson 12
- CSS Grid

Toggle Cart Open

• Github Repo + Branch: Lesson 13

Add To Cart Pt. 2

• Github Repo + Branch: Lesson 14

Cart Item Designs

• Github Repo + Branch: Lesson 15

Cart Total

• Github Repo + Branch: Lesson 16

Firebase Database Storage

addCollectionAndDocuments Pt. 2

• Github Repo + Branch: Lesson 17

Get Products + Categories From Firestore

• Github Repo + Branch: Lesson 18

Using Our CategoriesMap

• Github Repo + Branch: Lesson 19

Category Preview Component

• Github Repo + Branch: Lesson 20

Nested Routes in Shop

• Github Repo + Branch: Lesson 21

CSS-in-JS + Styled-Components

Introducing Styled-Components

• Github Repo + Branch: Lesson 22

Styled-Components - Button

• Github Repo + Branch: Lesson 23

Styled-Component - Form Input Component

- Github Repo + Branch: Styling Start
- Github Repo + Branch: Lesson 24

Deploying With Netlify

Deploying On Netlify

Netlify

Adding Redirect For Netlify

• Github Repo + Branch: Lesson 25

Reducers

User Reducer

• Github Repo + Branch: Lesson 26

Cart Reducer Pt. 1

• Github Repo + Branch: Lesson 27

Redux

React-Redux: Selectors

• Github Repo + Branch: Lesson 28

Categories Selectors

• Github Repo + Branch: Lesson 29

Business Logic in Our Selectors

• Github Repo + Branch: Lesson 30

Migrating Cart Context to Redux Pt. 1

- Reselect Docs
- Github Repo + Branch: Lesson 31

Migrating Cart Context to Redux Pt. 4

• Github Repo + Branch: Lesson 32

Redux Extended Tools

Redux-Persist

• Github Repo + Branch: Lesson 33

Redux-Devtools

- Github Repo + Branch: Lesson 34
- Redux-Devtools Chrome Extension

<u>Asynchronous Redux: Redux-Thunk</u>

Redux-Thunk Pt. 2

• Github Repo + Branch: Lesson 35

Redux-Thunk Pt. 3

• Github Repo + Branch: Lesson 36

Asynchronous Redux: Redux-Saga

Generator Functions

• Generator function* Documentation

Redux-Saga: fetchCategoriesAsync Thunk to Saga

• Github Repo + Branch: Lesson 37

Redux-Saga: Sign Out Sagas

• Github Repo + Branch: Lesson 38

<u>Serverless Functions + Stripe</u>

Setting Up Stripe

Stripe

Finishing Stripe Payment

- Stripe Test Cards
- Stripe Elements

Tidying Up Our UI

• Github Repo + Branch: Lesson 39

Typescript Basics: Typing Monsters-Rolodex

Typescript Introduction

Typescript Docs

Typing React's setState

• Github Repo + Branch

<u>Typescript Advanced: Typing Redux + Crwn-Clothing</u>

Improving Our Reducer Typing

• Github Repo + Branch: Lesson 40

Typing Redux Cart Files Pt. 2

Github Repo + Branch: Lesson 41

<u>Typescript Advanced: Typing Firebase + User Redux Files</u>

Typing User Reducer & Selectors

• Github Repo + Branch: Lesson 42

<u>Typescript Advanced: Redux Store + Middleware</u>

Typing Our Custom Middleware

• Github Repo + Branch: Lesson 43

<u>Typescript Advanced: Redux-Saga</u>

Typing User Sagas Pt. 2

• Github Repo + Branch: Lesson 44

Typescript Advanced: Typing Our Crwn-Clothing Components

Typing Our Payment Form

• Github Repo + Branch: Lesson 45

GraphQL + Apollo Client

GraphQL Explained

GraphQL Docs

Starting Repo + GraphQL Playground

- Github Starting Repo
- Crwn-Clothing GraphQL Playground

Updating Components To Consume GraphQL Values

• Github Repo

Variables in useQuery & Caching

Github Repo

Mutations

• Apollo Mutation Docs

Performance Optimizations

Code Splitting, Dynamic Imports, Suspense & Lazy

• Github Repo + Branch: Lesson 46

Mobile Support

Mobile Responsiveness 1

- @media queries
- Github Repo for start of lesson

Mobile Responsiveness 2

- CSS grid cheatsheet
- Github Repo for code up to now
- Github Repo for completed context exercise

Webpack + Babel

Introduction to Webpack + Babel

- Github Repo for start of lesson
- Webpack docs
- What is regex?
- What is babel?
- Babel-loader

Webpack Config

- Style-loader
- CSS-loader
- html-webpack-plugin

• Github repo for end of lesson

Build a Gatsby blog

Introduction to Gatsby.js

Gatsby.js

Starting a Gatsby project

- Gatsby-CLI
- Gatsby blog starter
- Gatsby Plugin Directory

Gatsby Pages

- Gatsby pages documentation
- useStaticQuery documentation

Gatsby GraphQL + Markdown

Markdown cheatsheet

Building our blog 1

- gatsby-transformer-remark
- gatsby-source-filesystem

Building our blog 2

- gatsby-node.js API
- createFilePath documentation

Building our blog 3

- create-pages
- createPage
- tagged-template-literals

Building our blog 4

- dangerouslySetInnerHTML documentation
- path

Building our blog 5

- styled-components
- gatsby-plugin-styled-components
- babel-plugin-styled-components
- netlify