

## Options

[https://www.youtube.com/playlist?list=PLyuRouwMQCjnuUEYW4mnSp891sd3WL\\_zr](https://www.youtube.com/playlist?list=PLyuRouwMQCjnuUEYW4mnSp891sd3WL_zr)

[https://www.youtube.com/channel/UCiNWv52iO\\_OAdZ12ksIG4Cg/playlists](https://www.youtube.com/channel/UCiNWv52iO_OAdZ12ksIG4Cg/playlists)

<https://www.youtube.com/watch?v=1ZzeYPD8jZw&list=PLN3n1USn4xInfJIQBa6bBjjiECnk6zL6s&index=4>

[https://www.youtube.com/watch?v=\\_P7wHN\\_kOv4&list=PLhQjrBD2T382gdfveyad09lerl\\_3Jh\\_wR](https://www.youtube.com/watch?v=_P7wHN_kOv4&list=PLhQjrBD2T382gdfveyad09lerl_3Jh_wR)

## START HERE

### BASICS

#### 1. NOTE

- a. We have curated content from multiple open source providers to help you gain the skills that will enable you to build projects at Zaio and populate your skills profile!
- b. Cool thing about React-Native you can do platform specific stuff. Create different effects for android vs iOS apps, without having to maintain 2 different code bases!
- c. Approach:
  - i. First we will understand the fundamentals of React Native
  - ii. Next we will understand the different ways to navigate a React Native App.
  - iii. Next, we will use a project based approach to understand Redux with React-Native.
  - iv. Finally we will build a few cool clones that you can use in your future projects
  - v. Deployment
2. Why React Native is awesome? - <https://youtu.be/7RAd-ksJpXQ>
3. Difference between ReactNative installation vs Expo (<https://youtu.be/uHIAM4ICi1s>)
4. Installing RN Using Expo (<https://youtu.be/TesDIVA28rM>)
5. Setting up Emulators for Android and iOS (need Mac for iOS - can forward that part) - <https://youtu.be/XyZwx4Hq3As>
6. Basic Components - <https://youtu.be/eLTBBnM2BIc>
7. Layouts - <https://youtu.be/fKbuLVv-GMw>
8. State - <https://youtu.be/J4ta6P9Au-Q>
9. Props - [https://youtu.be/ZS\\_LbjG1pgI](https://youtu.be/ZS_LbjG1pgI)
10. LifeCycle Methods - [https://youtu.be/6do\\_RfrYJWA](https://youtu.be/6do_RfrYJWA)
11. Geolocation - [https://youtu.be/KytdudMW\\_7o](https://youtu.be/KytdudMW_7o)
12. Scroll View- <https://youtu.be/KVRU9xO7cW4>
13. List Views - <https://youtu.be/PoCtw5Zdzq8>
14. NOTE

- a. stick to using List Views - FlatLists
- b. You will be working with other developers! So its important to know how to fetch data from the backend using API Calls

15. API Calls - [https://youtu.be/1yJu\\_4Rkalc](https://youtu.be/1yJu_4Rkalc)
16. Using NativeBase to improve styling of fetch data - <https://youtu.be/caxTvR4QMIY>
  - a. NativeBase link - <https://docs.nativebase.io/Components.html#Components>
17. Location services - <https://youtu.be/0CHCVxB41Ro>
18. Push notifications - <https://youtu.be/WBFd885FdUI>
19. NOTE
  - a. This is all awesome, but its time we start working on navigation and the different ways we can move from one screen to another, open drawers, have a bottom tab navigator that will help us toggle from one screen to the next.
  - b. The next section by the Unsure programmer helps us understand this!

## NAVIGATION

1. NOTE
  - a. ReactNavigation has gone through updates, and the coming tutorials will use ReactNavigation 2.0
  - b. The next video explains the updates from old to new so that you get to see how things were and how things are!
2. ReactNavigation - whats new? [https://youtu.be/MePfTc\\_PgzQ](https://youtu.be/MePfTc_PgzQ)
3. Combining different navigators #1 - <https://youtu.be/w24FE9PZpzk>
4. Combining different navigators #2 - <https://youtu.be/w24FE9PZpzk>
5. NOTE
  - a. So now you understand how the basics and how to create a structure for your applications. However, now we need to understand how to manage the data within our application and Redux is the best way to do this!
  - b. Several developers in industry cannot imagine developing without Redux especially because as apps get bigger, the management of data gets difficult within the app.
  - c. Lets do redux!

## IMPLEMENTING REDUX

1. Redux basics - [https://youtu.be/KcC8KZ\\_Ga2M](https://youtu.be/KcC8KZ_Ga2M)
2. Structuring Your Redux App - <https://youtu.be/pyfPG7erRxI>
3. UI & COMBINE REDUCERS - <https://youtu.be/t3nMT8bmBw0>
4. Connect() and Dispatch Actions - <https://youtu.be/HIK28F6CpPM>
5. ACTION CREATORS - <https://youtu.be/LOSRNL4N7ZY>
6. NOTE
  - a. Remember in redux you cannot edit change the actual state of object thats being passed through the reducer. Rather, a new state object has to be returned and hence the need to use spread operators. Not sure about spread operators? Check out this link:  
[https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Spread\\_syntax](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Spread_syntax)
    - i. This links to the concept of A pure function, which is a function which:

1. Given the same input, will always return the same output.
2. Produces no side effects.
- b. Now lets do something a little more deeper with Redux - Nath will be building a basic Cart feature.
- c. HEADS UP for next video.
  - i. YOU CAN INSTALL react-navigation without worrying about version (do not include @2.17.0
  - ii. YOU DO NOT NEED TO WORRY ABOUT DOWNGRADING ANYTHING - it can be skipped
7. Redux Shopping Cart Tracker #1 - | Why Use Redux? - <https://youtu.be/R39sa1RQyl8>
  - a. Heads UP for this video.
    - i. YOU CAN INSTALL react-navigation without worrying about version (do not include @2.17.0
    - ii. YOU DO NOT NEED TO WORRY ABOUT DOWNGRADING ANYTHING - it can be skipped.
8. Redux Shopping Cart Tracker #2 - | Why Use Redux? - <https://youtu.be/rPik5Z2SvHs>
9. Redux Middleware Basics - <https://youtu.be/d8Z9Zc-s1E8>
10. Practical Redux Thunk - <https://youtu.be/KTOoHu7kJTY>
  - a. Code:  
<https://github.com/nathvarun/WTF-Is-Redux-React-Native-Tutorials/tree/7-Redux-Thunk>

#### AIRBNB CLONE (UI ONLY)

1. #1 Layout Series - <https://youtu.be/95646Jd5X2w>
2. #2 Horizontal ScrollView - <https://youtu.be/1tIBMiuWaOg>
3. #3 Recommended Homes - <https://youtu.be/Ebqtkqw95Y8>
4. #4 Animated Header - <https://youtu.be/amvHRGNY9Z4>

#### DEPLOYMENT

1. #1 <https://youtu.be/6XJhgeuUszQ>
2. #2 <https://youtu.be/d7cYufrtCTE>
3. #3 <https://youtu.be/6EewObFgD9s>
4. #4 <https://youtu.be/R-62gUat0Bc>