

React Native Workshop

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Recap

- Windows or Mac
 - Node.js
 - Watchman (Mac only)
- Visual Studio Code
- Android Studio Hedgehog
- Xcode (Mac only) (Optional)
- Android or iOS smartphone
 - Expo Go app

Today's Workshop

- Create an app
- Hello World
- Create a simple page with text boxes and buttons
- Install dependencies
- Navigate from one page to another
- Use an emulator and Expo Go on your phone

Initialize a New Project

1. `npx create-expo-app workshop`
 - i. Skip step 1 if you already have project named workshop from the first workshop
2. `cd workshop`

Initialize a New Project

1. Open workshop folder in VSCode
2. `npx expo start` (in you terminal)
3. Open android studio and start an emulator
4. Navigate back to your terminal and press '`a`' on your keyboard to open on Android emulator

Make changes to the project

1. Open App.js
2. Change the text to "Hello World!"
3. App should "fast refresh" after saving changes (Ctrl+S or Cmd+S)

Add folders

1. /workshop/app
2. /workshop/app/screens
3. /workshop/app/navigation
4. /workshop/app/components

New Files

1. Create WelcomeScreen.js in screens
2. Create LoginScreen.js in screens
3. Create AuthNavigator.js in navigation
4. Create Button.js in components
5. `npm install @react-navigation/stack`
6. `npm install @react-navigation/native`
7. `npx expo install react-native-gesture-handler`