

# Multiplatform Mobile App Development with React Native: Course Overview

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# Expected Background

- You should have good working knowledge of:
  - HTML & CSS goes without saying
  - JavaScript
    - Good knowledge of ES 5 is necessary
    - Preferably ES 2015+ / ES 6?
      - YMMV
  - React and Redux
    - Taken the Front-end Development with React course

# Course Outline

- React Native
  - UI Elements
  - React Native and Redux
- Working with the Native Platform
  - Expo SDK

# Module 1: Multiplatform Mobile App Development with React Native: An Introduction

- Full Stack Web Development: The Big Picture
- Setting up your Development Environment: Git and Node (Optional)
- Introduction to React Native
- React Native Components
- React Native Navigation
- Assignment 1

## Module 2: React Native UI Elements and Redux

- Icon Fonts and Buttons
- Setting up a Simple Server
- Introduction to Redux for React Native
- "Forms" and Modals
- Assignment 2

## Module 3: React Native Alerts, Animations, Gestures, and Persist Redux Store

- Swipe Option Buttons and Alerts
- Animations
- Gestures
- Persist Redux Store
- Assignment 3

# Module 4: Accessing Native Capabilities of Devices: The Expo SDK

- The Expo SDK
- Secure Store
- Local Notifications
- Social Sharing
- Picking an Image
- Network Info
- Assignment 4
- Building and Deployment