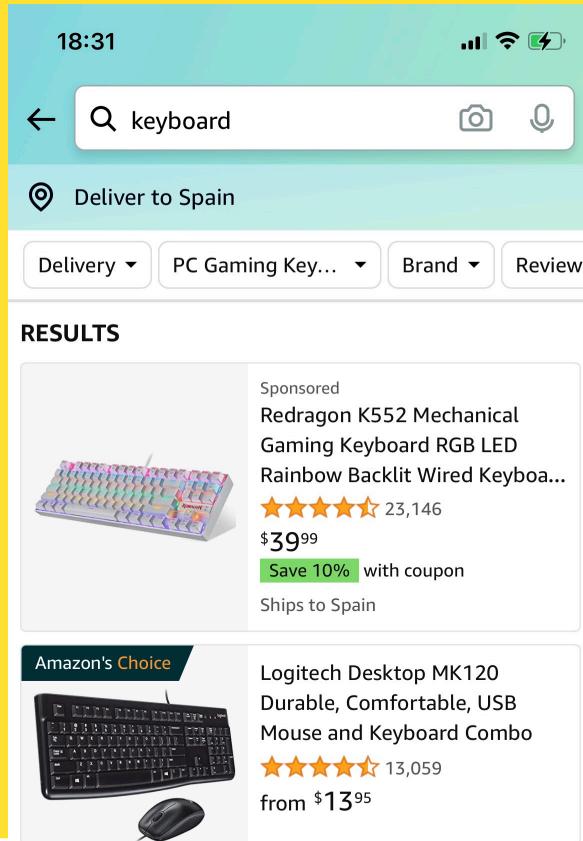


notJust

//development



Fullstack eCommerce Tutorial



By the end of this video, we are going to build

Search Page with Products

18:31

Deliver to Spain

Delivery ▾ PC Gaming Key... ▾ Brand ▾ Review

RESULTS

Sponsored

 Redragon K552 Mechanical Gaming Keyboard RGB LED Rainbow Backlit Wired Keyboa...

★★★★★ 23,146

\$39⁹⁹

Save 10% with coupon

Ships to Spain

Amazon's Choice

 Logitech Desktop MK120 Durable, Comfortable, USB Mouse and Keyboard Combo

★★★★★ 13,059

from \$13⁹⁵

Best Seller

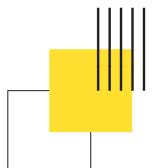
 Redragon S101 Wired Gaming Keyboard and Mouse Combo RGB Backlit Gaming Keyboard...

★★★★★ 27,710

\$39⁹⁹

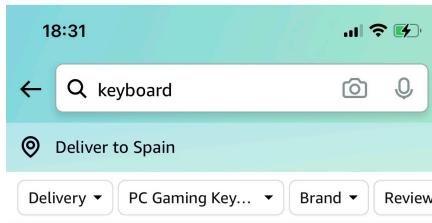
Save 10% with coupon

Ships to Spain



By the end of this video, we are going to build

Search Page with Products

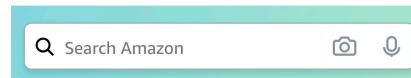


Product Details Page

A screenshot of a product details page for the 'Logitech MX Master 3 Advanced Wireless Mouse'. The top shows the time is 18:34 and there are delivery options: 'Deliver to Spain'. The price is \$94⁰⁰. It notes 'No Import Fees Deposit & \$9.98 Shipping to Spain' and links to 'Details'. It says 'Available at a lower price from other sellers that may not offer free Prime shipping.' Delivery is listed as 'Arrives: Thursday, May 6'. There are buttons for 'Qty: 1' (with a dropdown arrow), 'Add to Cart', and 'Buy Now'. The main image shows a hand holding the black mouse. A smaller image below it says 'ROLAGEM ULTRA RÁPIDA MAGSPEED' and 'ROLAGEM DE 1000 LINHAS POR SEGUNDO'. At the bottom, there are color swatches for '2 Colors: Black'.

By the end of this video, we are going to build

Shopping Cart



Subtotal (2 items): **\$135.59**

[Proceed to checkout](#)



Add a gift receipt for easy returns



Clean Code: A Handbook of Agile Software Craftsmanship by Robert C. Martin
#1 Best Seller in Software Testing

Paperback

\$41.59

In Stock

[Clip & Save up to \\$1.10](#)

Conditions apply



1



Delete

Save for later

[Compare with similar items](#)



Logitech MX Master 3 Advanced Wireless Mouse
\$94.00

Only 10 left. Order now.

Color: Black



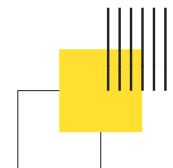
1



Delete

Save for later

[Compare with similar items](#)



By the end of this video, we are going to build

Shopping Cart

A screenshot of a shopping cart interface. At the top is a search bar with a camera icon and a microphone icon. Below it is a yellow button for "Proceed to checkout". A checkbox for "Add a gift receipt for easy returns" is present. The cart contains two items:

- Clean Code: A Handbook of Agile Software Craftsmanship by Robert C. Martin**
#1 Best Seller in Software Testing
Paperback
\$41.59
In Stock
Clip & Save up to \$1.10
Conditions apply
Quantity: 1
Delete | Save for later
- Logitech MX Master 3 Advanced Wireless Mouse**
\$94.00
Only 10 left. Order now.
Color: Black
Quantity: 1
Delete | Save for later

At the bottom are navigation icons for Home, Account, Cart (with a '2' notification), and Menu.

Address

A screenshot of an address entry form. The header shows the time as 18:41 and battery status. It has a back arrow and the title "Enter a shipping address".
Fields include:

- Country dropdown: United States
- Full name (First and Last name): savinvadim
- Phone number: (empty)
- Address:
 - Street address or P.O. Box: (empty)
 - Apt, Suite, Unit, Building (optional): (empty)
- City: (empty)
- State dropdown: Select
- ZIP Code: (empty)

Checkboxes:

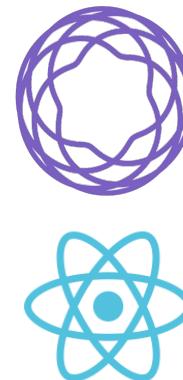
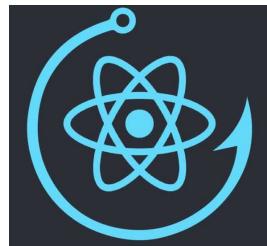
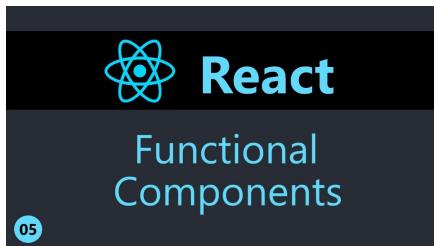
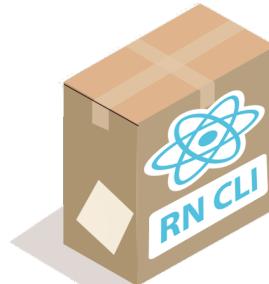
- Make this my default address

Delivery instructions (optional): Notes, preferences, access codes and more

Buttons:

- Use this address

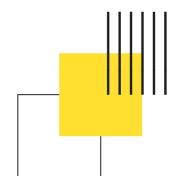
Front-end technologies



React Navigation

Vector Icons

Choose from 3K+ icons or use your own



You will learn

- How to setup a React Native project



You will learn

- ||| - How to setup a React Native project
- ||| - Render built-in elements/components
- |||
- |||
- |||
- |||
- |||



You will learn

- ||| - How to setup a React Native project
- ||| - Render built-in elements/components
- ||| - Create your own components



You will learn

- ||| - How to setup a React Native project
- ||| - Render built-in elements/components
- ||| - Create your own components
- ||| - Functional components



You will learn

- ||| - How to setup a React Native project
- ||| - Render built-in elements/components
- ||| - Create your own components
- ||| - Functional components
- ||| - Props

- |||

- |||

- |||



You will learn

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- ||| - Render built-in elements/components
- ||| - Create your own components
- ||| - Functional components
- ||| - Props
- ||| - State



You will learn

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- ||| - State
- ||| - Navigation



You will learn

- ||| - How to setup a React Native project
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- ||| - Functional components
- ||| - Props
- ||| - State
- ||| - Navigation
- ||| - Install 3rd party libraries



You will learn

- ||| - How to setup a React Native project
- ||| - Render built-in elements/components
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- ||| - Functional components
- ||| - Props
- ||| - State
- ||| - Navigation
- ||| - Install 3rd party libraries
- ||| - React Native Best Practices





Who am I



- Full stack developer for >7yrs
- CTO @Fitinium
- ex Amazon SDE
- Passionate about coding and building impactful startups.

I AM **notJust**
//developer



@VadimNotJustDev



New channel members

 Hubert Miśko notJust Developer Junior

 webgoonie notJust Developer Junior

 Sebastian Pienio notJust Developer Senior

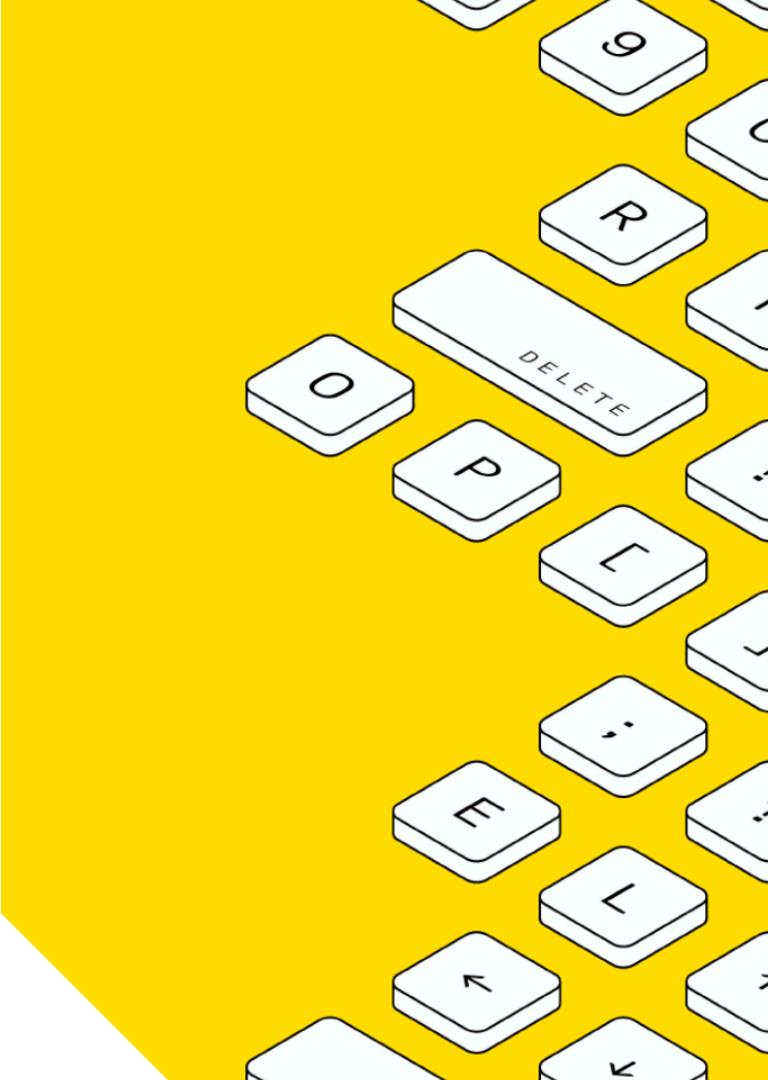
 Afif Ahmed notJust Developer Junior

 JDevCast notJust Developer Junior

 Chudi Onyilimba notJust Developer Junior

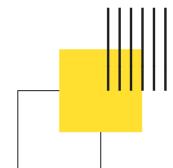
 Максим Полушин notJust Developer Junior

I AM notJust
//developer



Disclaimer

This build is for educational purposes only!! All views, opinions, technology choices expressed in this video are my own and do not represent the views, opinions, technology choices of any entity whatsoever with which I have been, am now, or will be affiliated.



Prerequisites

1. Asset Bundle (dummy data, images, icons, PDF presentation):



<https://assets.notjust.dev/amazon>

2. Coffee



Prerequisites for part 2

1. Asset Bundle (dummy data, images, icons, PDF presentation):



<https://assets.notjust.dev/amazon>



2. Coffee



3. Part 1 source code:



<https://github.com/Savinvadim1312/AmazonClone/tree/part-1>



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Let's get started



Install/Upgrade react-native-cli

1. Make sure you have the latest react-native-cli

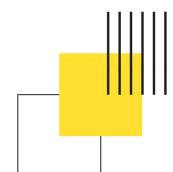
```
$ npm uninstall -g react-native-cli
```

```
$ yarn global add @react-native-community/cli
```

OR

```
$ npm i -g @react-native-community/cli
```

```
$ react-native --version  
5.x.x
```



Bootstrap new React Native Project

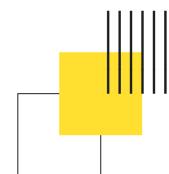
Create a new project based on the template:

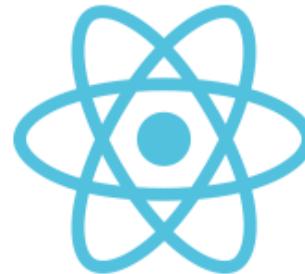
<https://github.com/react-native-community/react-native-template-typescript>

```
$ react-native init AmazonClone --template react-native-template-typescript
$ cd AmazonClone

# Start development server
$ yarn start

$ npx pod-install
$ yarn ios
OR
$ yarn android
```





Vector Icons



Choose from 3K+ icons or use your own

Vector icons

<https://www.npmjs.com/package/react-native-vector-icons>

```
$ yarn add react-native-vector-icons  
$ npm install react-native-vector-icons
```

||| IOS: Add UIAppFonts to Info.plist

||| Android: Add to the android/app/build.gradle

```
apply from: "../../node_modules/react-native-vector-icons/fonts.gradle"
```

||| Install pods (iOS only)

```
$ npx pod-install
```



Home/Search Screen



The screenshot shows a mobile application interface for searching 'keyboard'. At the top, there's a search bar with a magnifying glass icon and the text 'keyboard'. To the right of the search bar are icons for camera and microphone. Below the search bar, the text 'Deliver to Spain' is displayed. Underneath are filter buttons for 'Delivery', 'PC Gaming Key...', 'Brand', and 'Review'. A bold 'RESULTS' heading is centered above three product cards.

- Sponsored**
Redragon K552 Mechanical Gaming Keyboard RGB LED Rainbow Backlit Wired Keyboa...

★★★★★ 23,146
\$39⁹⁹
Save 10% with coupon
Ships to Spain
- Amazon's Choice**
Logitech Desktop MK120 Durable, Comfortable, USB Mouse and Keyboard Combo

★★★★★ 13,059
from \$13⁹⁵
- Best Seller**
Redragon S101 Wired Gaming Keyboard and Mouse Combo RGB Backlit Gaming Keyboard...

★★★★★ 27,710
\$39⁹⁹
Save 10% with coupon
Ships to Spain

At the bottom of the screen are navigation icons: a house (Home), a person (Profile), a shopping cart (Cart with 0 items), and a menu (three horizontal lines).

Product Component

1. Left Column:



- Image

2. Right Column:



- Title



- Rating



- Price



- Create a separate component



- Props

Amazon's Choice

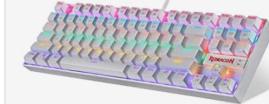


Logitech Desktop MK120
Durable, Comfortable, USB
Mouse and Keyboard Combo

★★★★★ 13,059

from \$13⁹⁵

List of products



Sponsored

Redragon K552 Mechanical
Gaming Keyboard RGB LED
Rainbow Backlit Wired Keyboa...

★★★★★ 23,146

\$39⁹⁹

Save 10% with coupon

Ships to Spain

Amazon's Choice



Logitech Desktop MK120
Durable, Comfortable, USB
Mouse and Keyboard Combo

★★★★★ 13,059

from \$13⁹⁵

Best Seller



Redragon S101 Wired Gaming
Keyboard and Mouse Combo
RGB Backlit Gaming Keyboard...

★★★★★ 27,710

\$39⁹⁹

Save 10% with coupon

Ships to Spain

Product Page



1. Title
2. Image Carousel
3. Option selector



The screenshot shows a mobile version of an Amazon product page. At the top, there's a header with the time (18:34), signal strength, and battery level. Below the header is a search bar with the placeholder "Search Amazon" and icons for camera and microphone. The main title of the product is "Logitech MX Master 3 Advanced Wireless Mouse". To the right of the title is a small upward arrow icon. The main image is a close-up of a person's hand holding the black Logitech mouse. Below the image is a callout box containing a teal circular icon with a white "MAG SPEED" logo and the text "ROLAGEM ULTRA RÁPIDA MAGSPEED" and "ROLAGEM DE 1000 LINHAS POR SEGUNDO". Further down the page, there's a heart icon, a set of seven small circular thumbnails for an image carousel, and a dropdown menu for "2 Colors: Black". At the bottom of the screen, there are navigation icons for home, account, cart, and menu.



//development

Product Page



1. Title
2. Image Carousel
3. Option selector
4. Price
5. Description
6. Quantity Selector
7. Buttons



2 Colors:
Black



\$ 94⁰⁰

No Import Fees Deposit & \$9.98 Shipping to Spain [Details](#)

Available at a lower price from [other sellers](#) that may not offer free Prime shipping.

Arrives: **Thursday, May 6**

Deliver to Spain

Only 6 left in stock - order soon.

Qty: 1 ▾

Add to Cart

Buy Now

Image Carousel

1. Horizontal Images Flatlist

|||
2. Snap to view

 snapToInterval

|||
 snapToAlignment

 decelerationRate

|||
3. Dot indicator

 onViewableItemsChanged

|||
 viewabilityConfig



Shopping Cart

1. Subtotal
2. Checkout button
3. List of items
4. Quantity selector



Subtotal (2 items): **\$135.59**

Proceed to checkout

Add a gift receipt for easy returns



Clean Code: A Handbook of Agile Software Craftsmanship by Robert C. Martin

#1 Best Seller in Software Testing

Paperback

\$41.59

In Stock

Clip & Save up to \$1.10

Conditions apply



1



Delete

Save for later

Compare with similar items



Logitech MX Master 3 Advanced Wireless Mouse

\$94.00

Only 10 left. Order now.

Color: Black



1



Delete

Save for later

Compare with similar items





Address form

1. Render all Inputs
2. State management



18:41

Enter a shipping address

United States

Full name (First and Last name)
savinvadim

Phone number

Address

Street address or P.O. Box

Apt, Suite, Unit, Building (optional)

City

State

Select

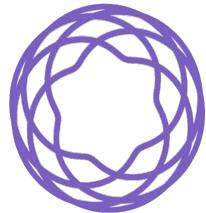
ZIP Code

Make this my default address

Delivery instructions (optional) >
Notes, preferences, access codes and more

Use this address

Navigation



React Navigation

Install React-Navigation Library:

<https://reactnavigation.org/docs/getting-started>

Install Dependencies

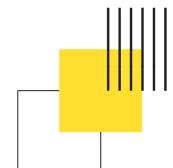
Install the pods (for Mac and IOS only)

```
$ npx pod-install ios
```

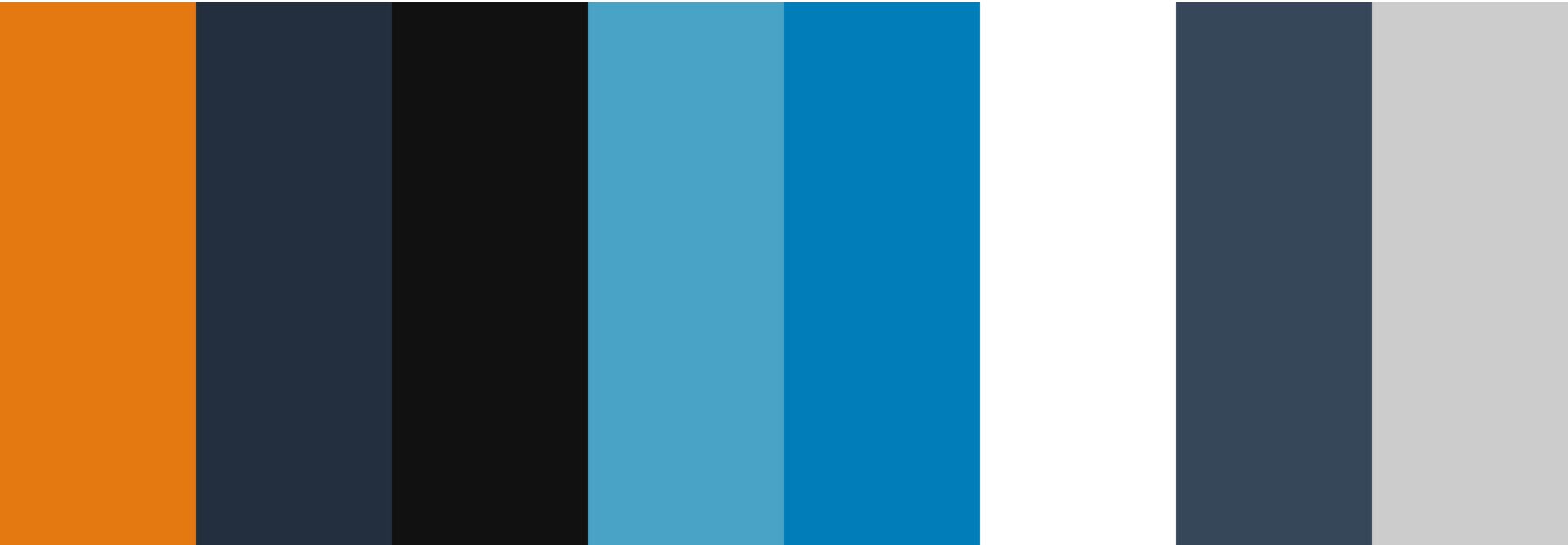
Import Gesture handler

```
Import 'react-native-gesture-handler'
```

Install StackNavigator and BottomTabNavigator



Color Palette



#e47911

#232f3e

#111111

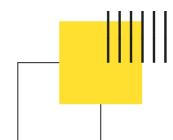
#48a3c6

#007eb9

#ffffff

#37475a

#cccccc



notJust
//development

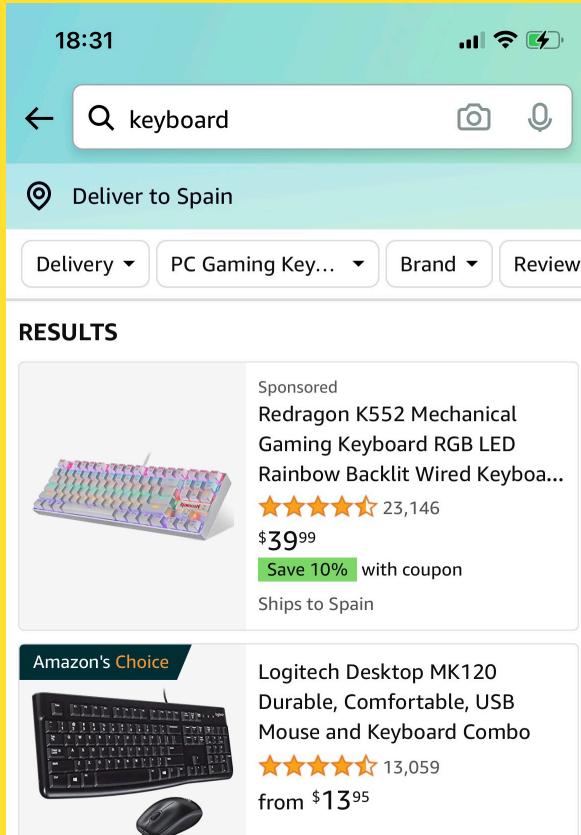


Q&A



notJust

//development



eCommerce Backend

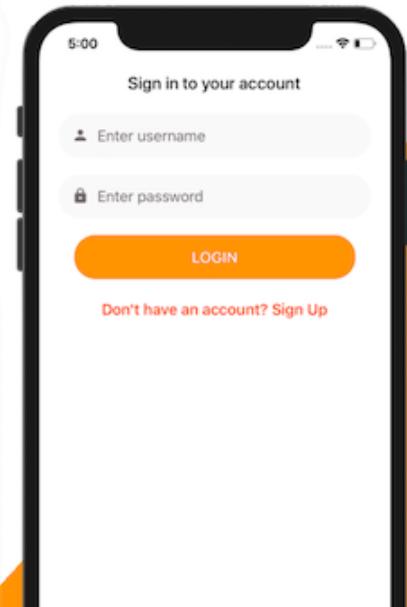
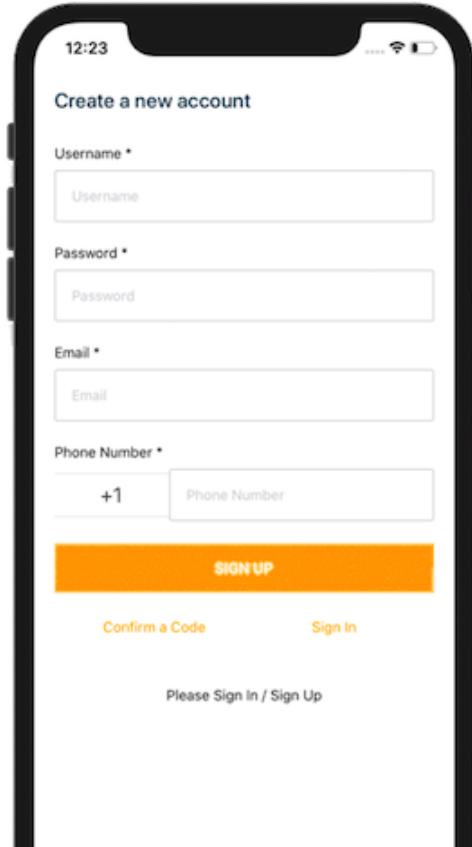
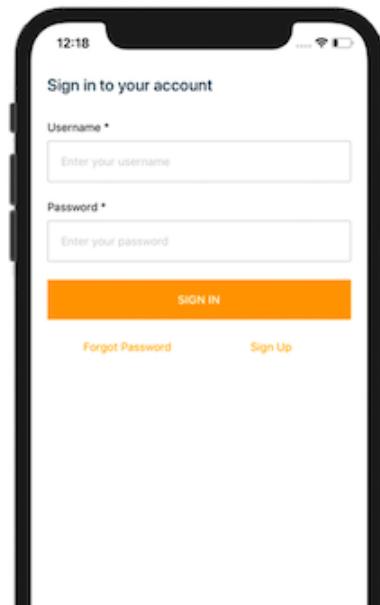


AWS Amplify (Auth, GraphQL API, Storage)

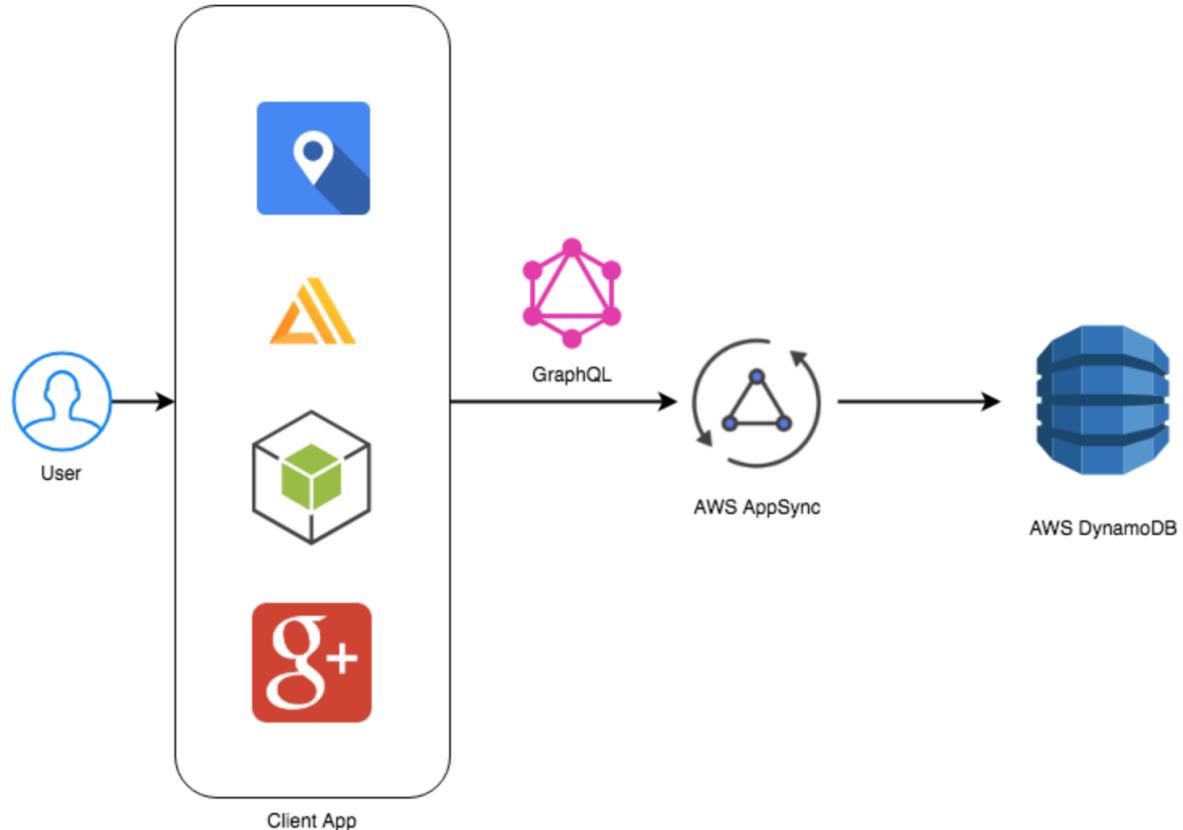




Authentication



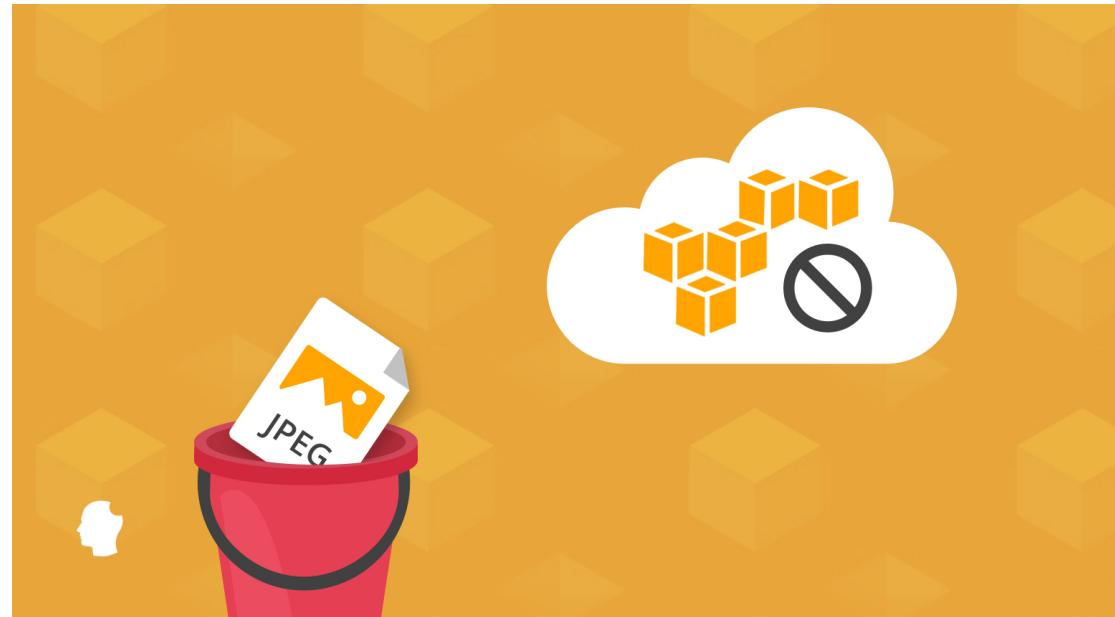
GraphQL API



Media Storage



AWS S3 storage





AWS Amplify Admin UI

Configure app backend outside the AWS console

Visual data modeling

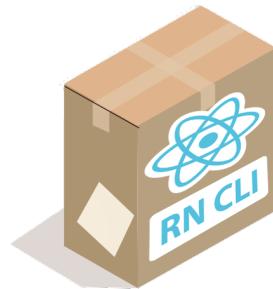
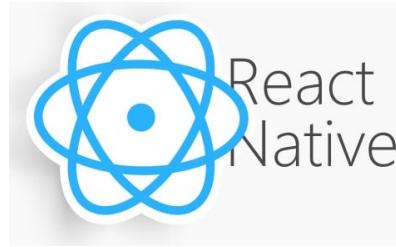
Fine grained authorization

Content management

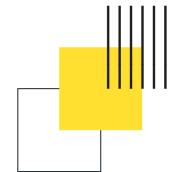
Authentication and user management



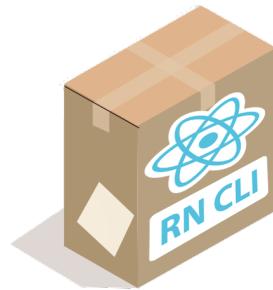
Front-end technologies



Back-end technologies



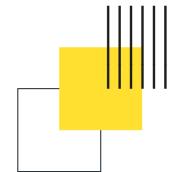
Front-end technologies



Back-end technologies



For Next-Gen
App Development





Who am I



- Full stack developer for >7yrs
- CTO @Fitinium
- ex Amazon SDE
- Passionate about coding and building impactful startups.



I AM **notJust**
//developer



@VadimNotJustDev

Prerequisites

1. Asset Bundle (dummy data, images, icons, PDF presentation):



<https://assets.notjust.dev/amazon>



2. AWS Account and Amplify CLI setup

<https://docs.amplify.aws/start/getting-started/installation/q/integration/react-native#sign-up-for-an-aws-account>

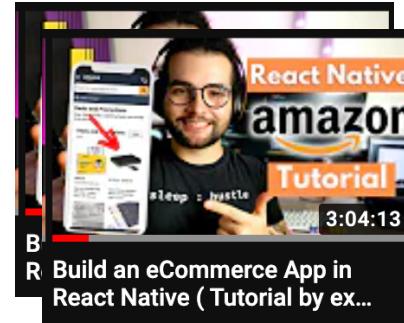


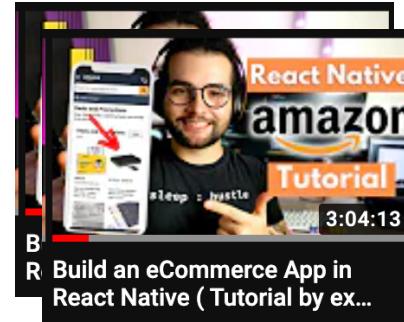
3. Coffee



Starting point

1. Part 1 & Part 2: React Native UI





Starting point

1. Part 1 & Part 2: React Native UI

||| **Didn't follow part 1 & 2, but want to follow along now?**

2. Clone the repo (UI branch): <https://github.com/Savinvadim1312/AmazonClone/tree/ui>
 3. Install dependencies (yarn install, npx pod-install)
 4. Run the project (yarn start)
 5. Run on the device (yarn iOS or yarn android)
- ||
||
|||

notJust

//development



Let's get started



Setup AWS Amplify Project

```
||| https://docs.amplify.aws/start/q/integration/react-native
```

```
||| $ amplify init
```

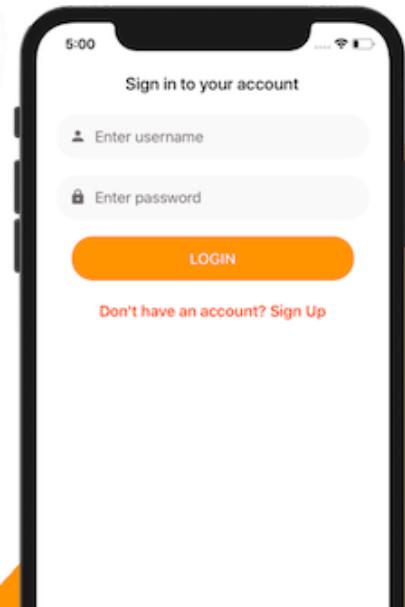
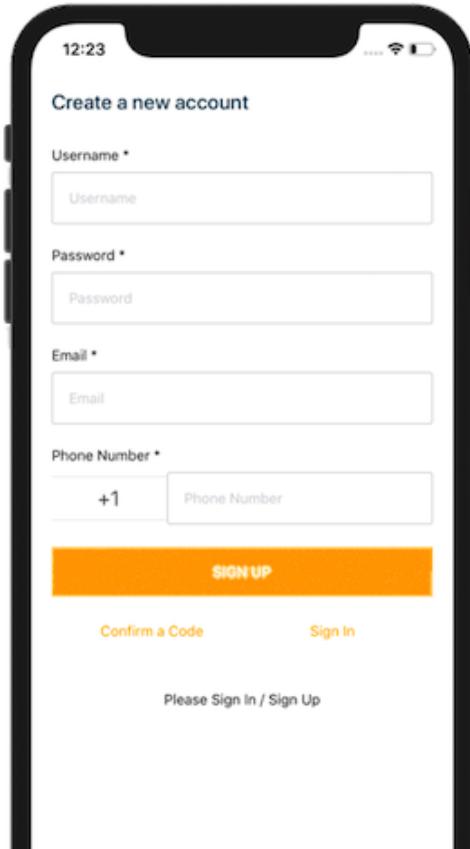
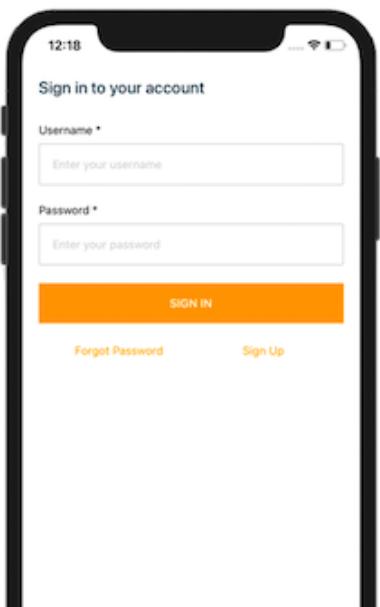
```
||| $ yarn add aws-amplify aws-amplify-react-native amazon-  
||| cognito-identity-js @react-native-community/netinfo
```

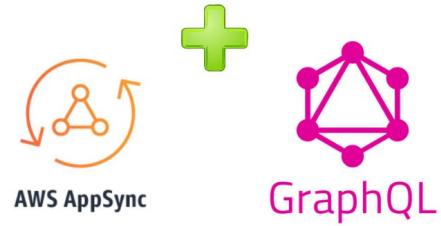
```
||| Configure the App.js
```





Authentication





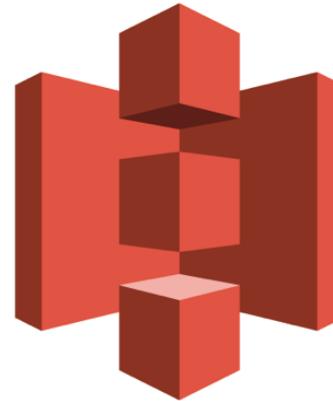
Offline-first GraphQL API with Datastore

1. \$ amplify add api
2. Write the schema
3. \$ amplify codegen models
4. Push everything to the cloud (\$ amplify push)
5. Setup Admin UI and add movies
6. Query the data using Datastore

Docs: <https://docs.amplify.aws/lib/datastore/getting-started/q/platform/js#option-2-use-amplify-cli>

Storage (S3)

```
||| $ amplify add storage
```



Amazon S3

notJust
//development



Q&A

