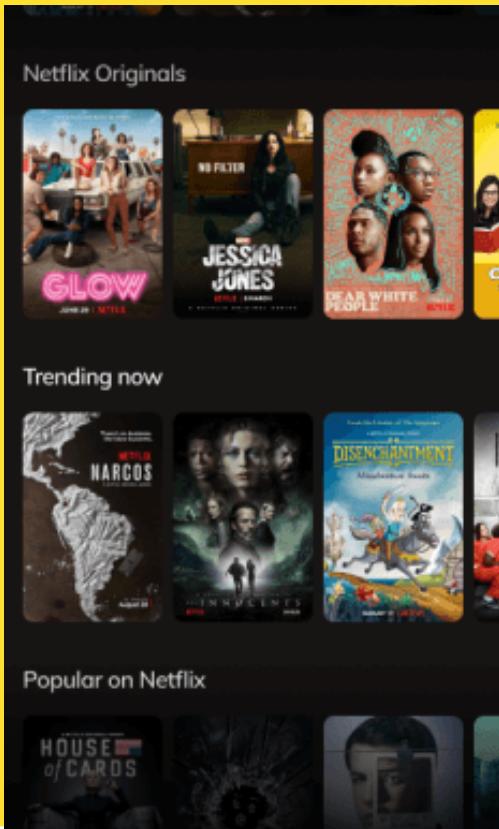


notJust

//development



NETFLIX Clone

React Native & AWS Amplify



We are going to build

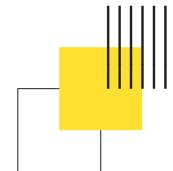
Home Screen



Continue Watching for Alex



Trending Now

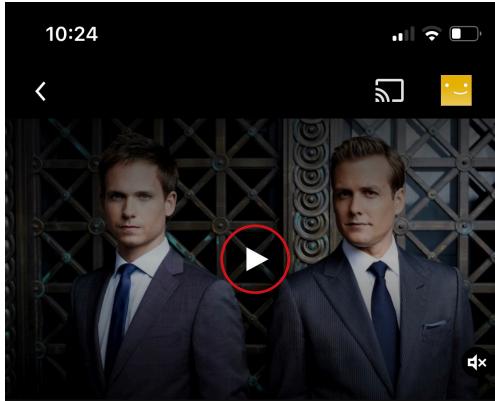


We are going to build

Home Screen



Movie Details Screen



Trending Now

When he impresses a big lawyer with his razor-sharp mind, a college dropout scores a coveted associate job, even though he has no legal credentials.

Cast: Gabriel Macht, Patrick J. Adams, Rick Hoffman... [more](#)

Creator: Aaron Korsh



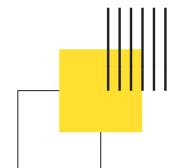
My List



Rate

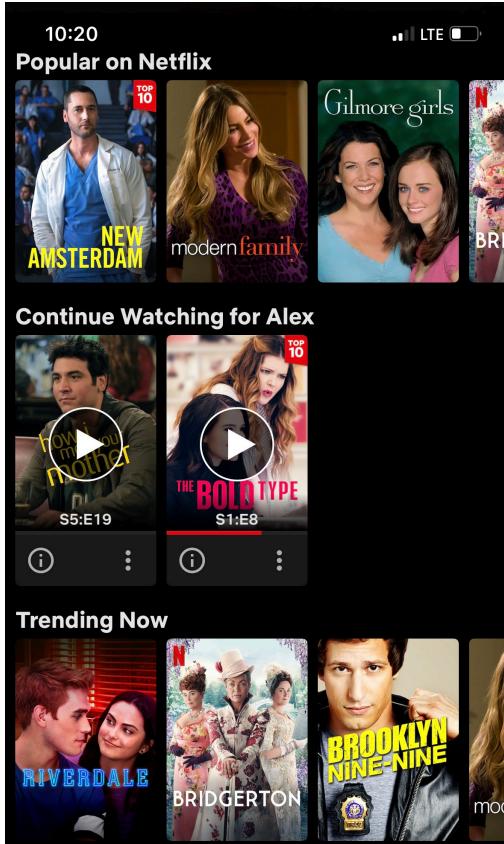


Share



We are going to build

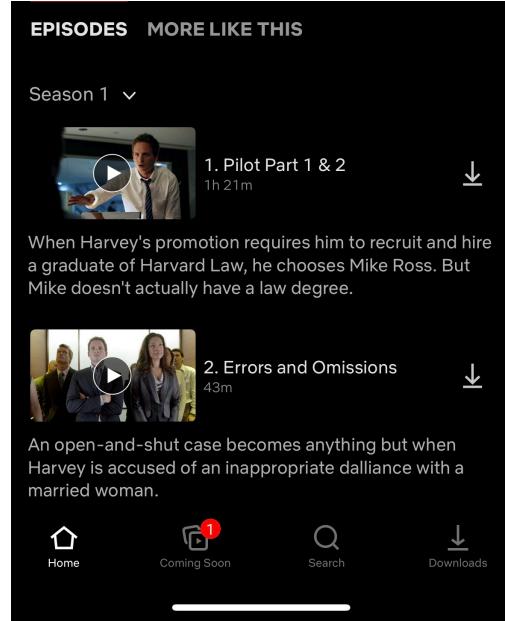
Home Screen



Movie Details Screen

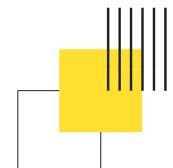
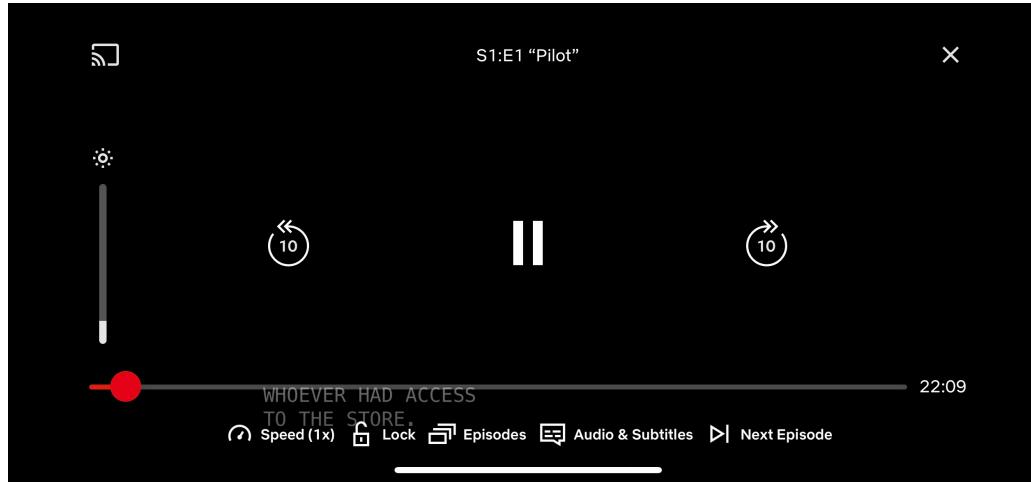


Episodes List

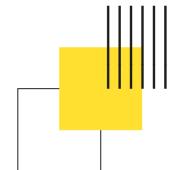


We are going to build

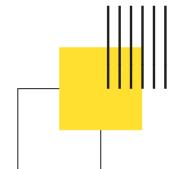
Movie Player



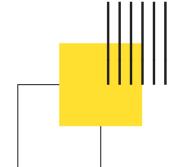
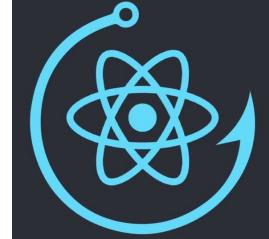
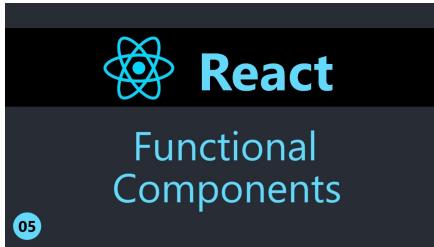
Front-end technologies



Front-end technologies



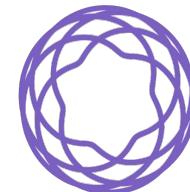
Front-end technologies



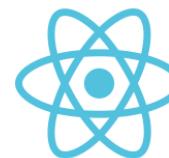
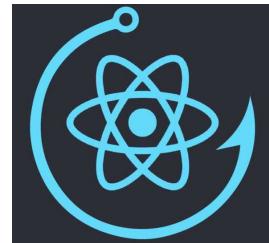
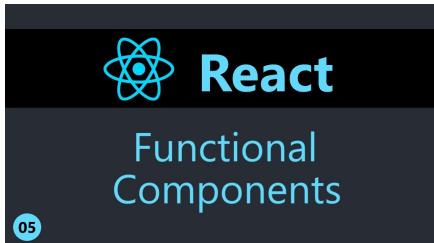
Front-end technologies



Expo AV

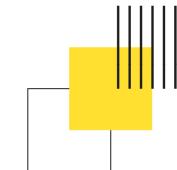


React Navigation



Vector Icons

Choose from 3K+ icons or use your own
A collection of small, white vector icons including a heart, a plane, a star, a cloud, a game controller, a wine glass, a ghost, a pencil, a musical note, and a bell, all arranged horizontally.



You will learn

- ||| - How to setup a React Native project using Expo
- ||
- ||
- ||
- |||
- |||



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

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- ||| - Functional components
- |||
- |||
- |||
- |||
- |||



You will learn

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- ||| - Props
- | |
- |||
- |||



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- |||
- |||



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- ||| - State
- ||| - Navigation
- ||| - Install 3rd party libraries



You will learn

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- ||| - Functional components
- ||| - Props
- ||| - State
- ||| - Navigation
- ||| - Install 3rd party libraries
- ||| - Work with Videos



notJust

//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



Prerequisites

1. React Native & Expo environment set up

2. Dummy data, images, icons, PDF presentation:
<https://assets.notjust.dev/netflix>



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Let's get started



Let's get started

- ||| 1. Initialise the expo project:

```
$ expo init Netflix
```

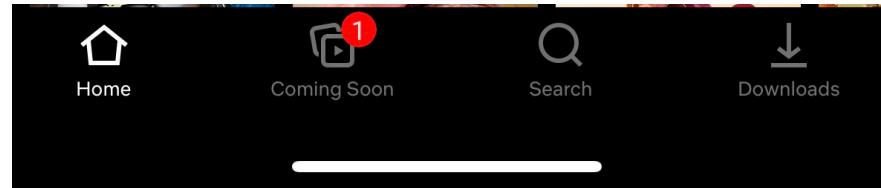
||| Hint: Make sure to chose the “tabs (TypeScript)” template

- ||| 2. Run the development server

```
$ yarn start      $ npm start
```

- ||| 3. Clean the project

Bottom Tab Navigator



1. Setup the tabs with their icons



Find icons on: <https://icons.expo.fyi/>



```
import { AntDesign, MaterialIcons, Ionicons } from '@expo/vector-icons';

<AntDesign name="home" size={24} />
<MaterialIcons name="video-library" size={24} />
<Ionicons name="search" size={24} />
<AntDesign name="download" size={24} />
```



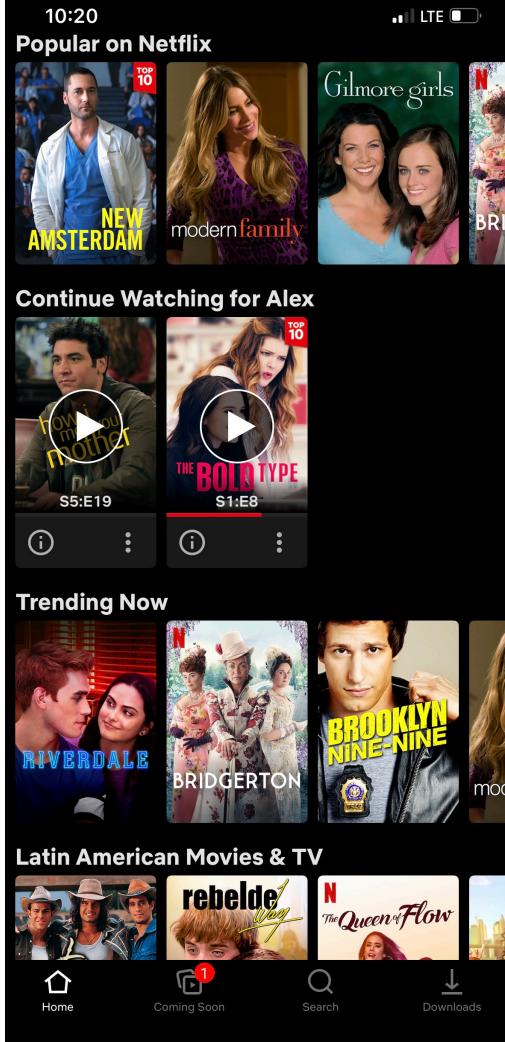
notJust

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Home Screen

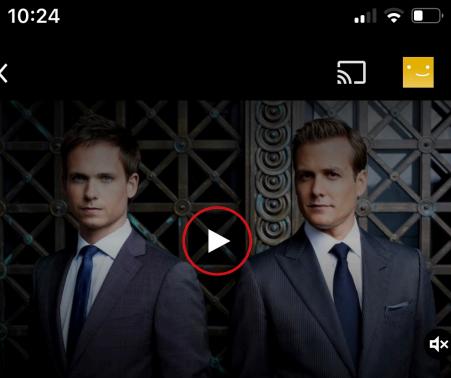


1. Render a horizontal list of Images
2. Create a separate component for a category
3. Render a vertical list of Category Components





Movie Detail Screen



Suits

98% match 2019 12+ 9 Seasons HD

▶ Play

⬇ Download

When he impresses a big lawyer with his razor-sharp mind, a college dropout scores a coveted associate job, even though he has no legal credentials.

Cast: Gabriel Macht, Patrick J. Adams, Rick Hoffman... [more](#)

Creator: Aaron Korsh

+

My List

↪

Rate

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EPISODES MORE LIKE THIS

Season 1 ▾



Home



Coming Soon



Search



Downloads

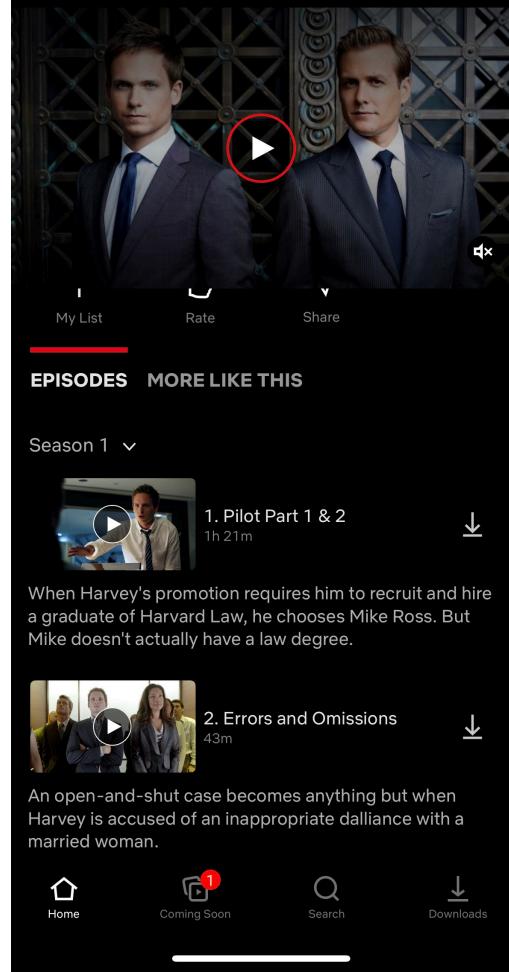
Episodes list



1. Create Episode component
2. Render the list of episodes
3. Switch between seasons



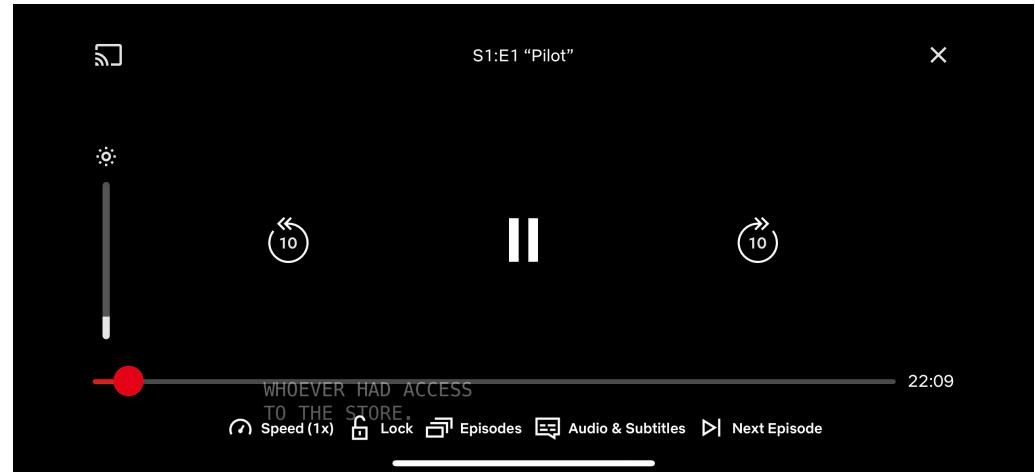
10:25



Player



1. Install and setup Expo-AV
2. Implement the player in a full screen view



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Q&A



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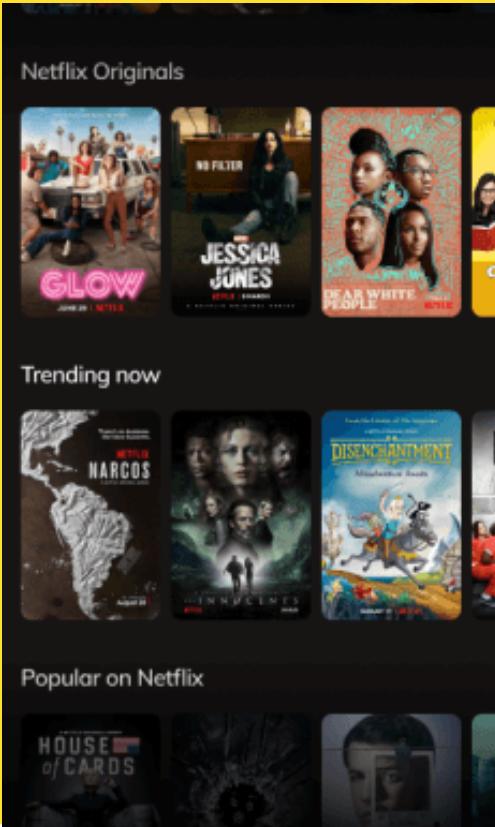
Next week, Friday at 3PM GMT

- Implement the backend with AWS Amplify
- Authentication
- Database
- Storage for videos



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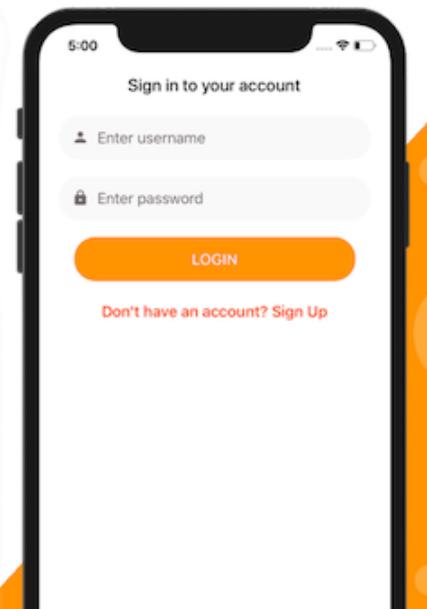
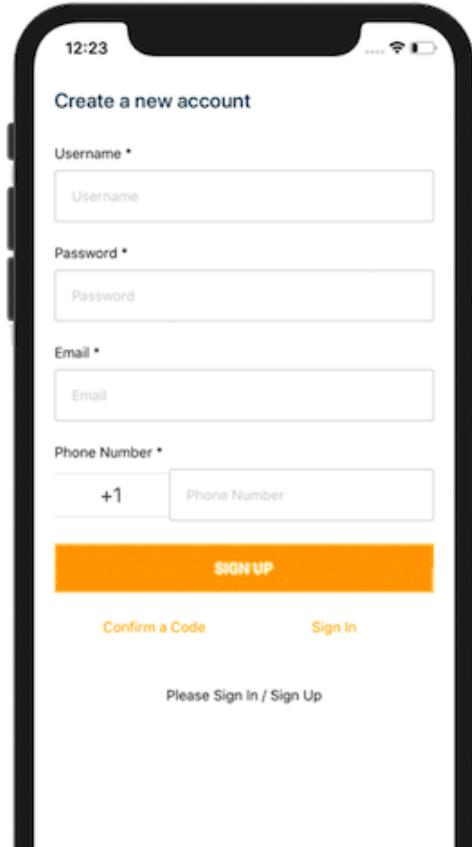
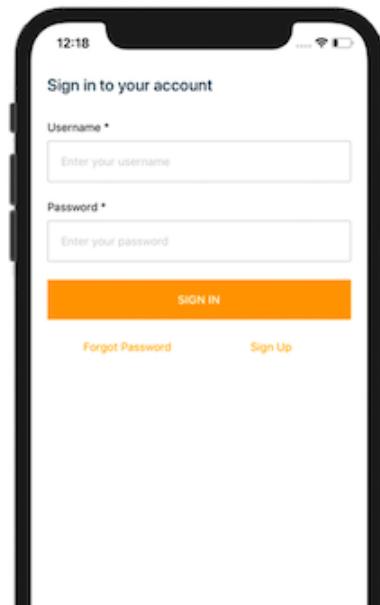
NETFLIX Backend

AWS Amplify (Auth, GraphQL API, Storage)

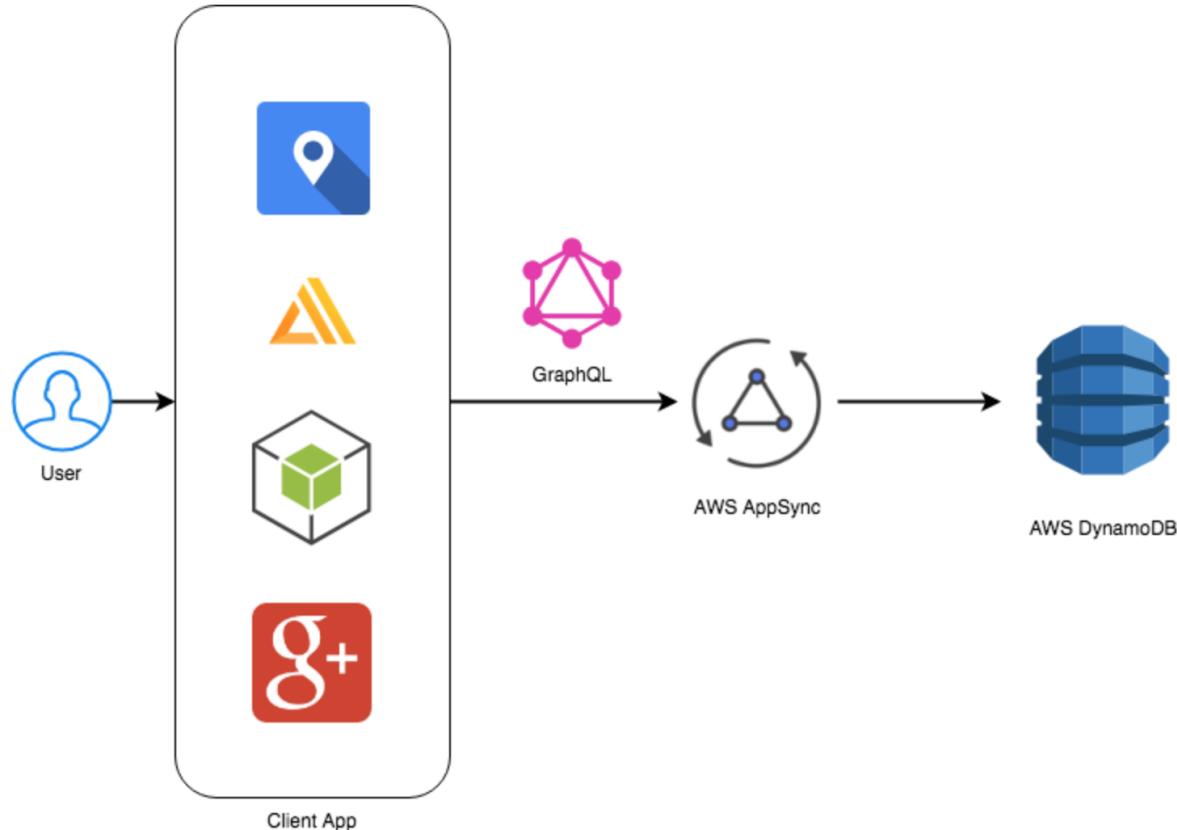




Authentication



GraphQL API





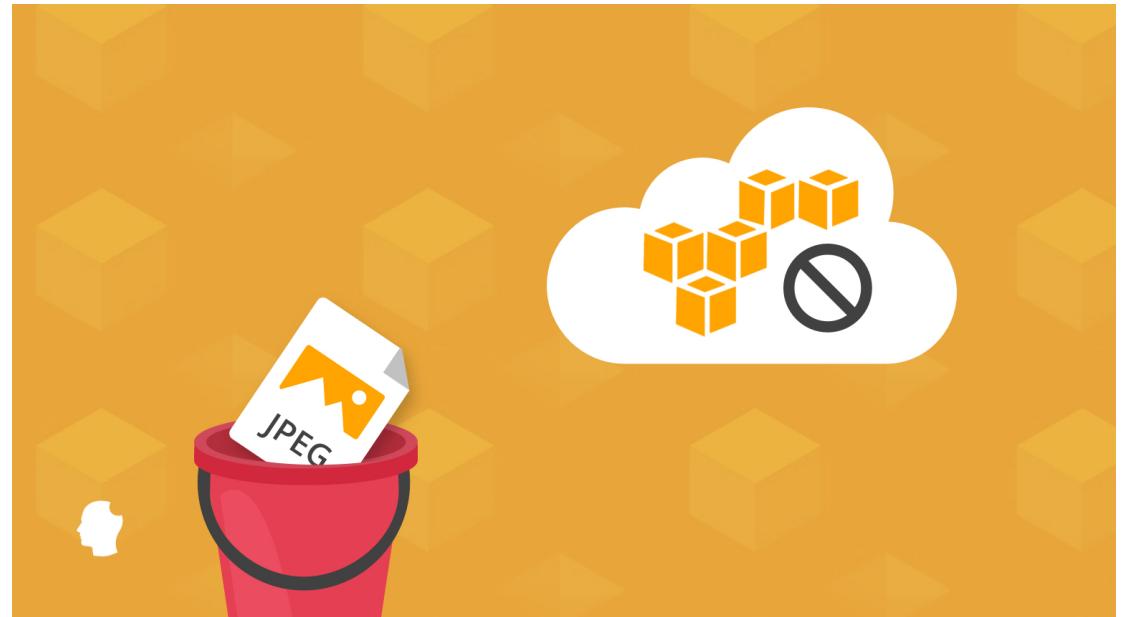
Media Storage



Media Storage



AWS S3 storage

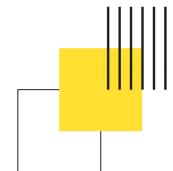


Front-end technologies



Back-end technologies

Expo



Front-end technologies



Expo



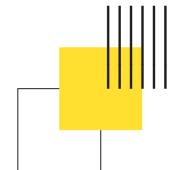
Back-end technologies

AWS Amplify

For Next-Gen
App Development



amazon
S3





Thanks Expo for sponsoring this video



Install expo to follow along: <http://bit.ly/expo-vadim>



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//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





New channel members



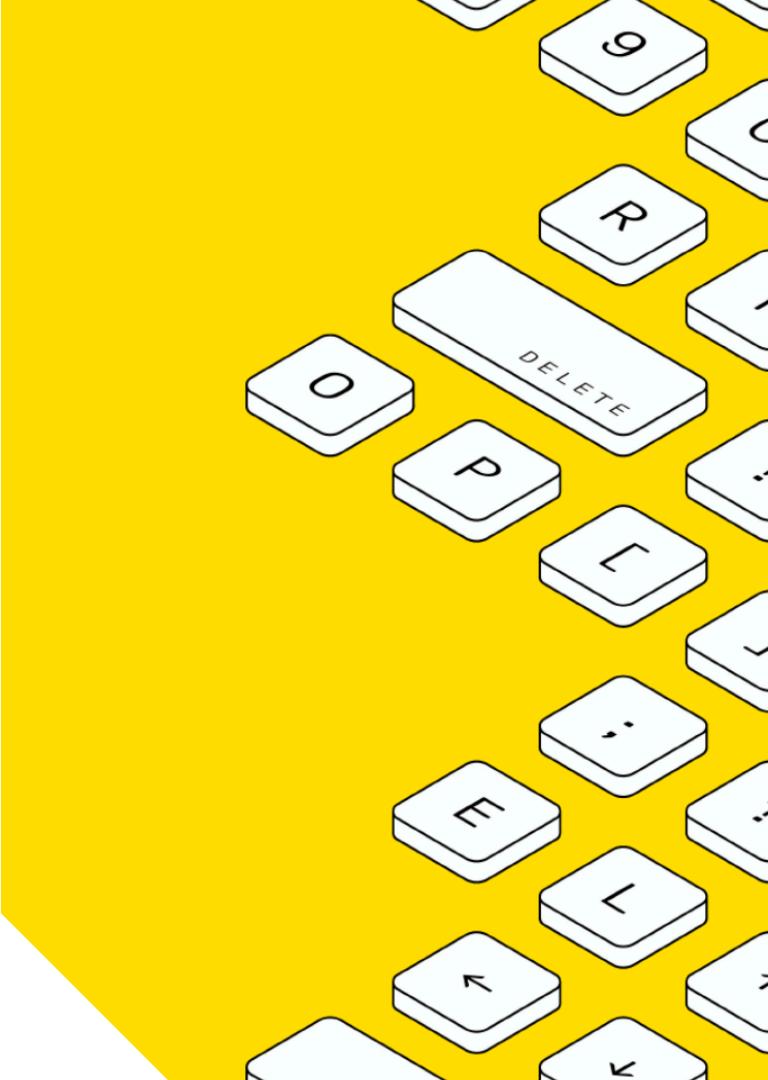
webgoonie



Максим Полушкин



I AM notJust
//developer



Prerequisites

1. React Native & Expo environment set up
2. AWS Account and AWS CLI setup
3. Dummy data, images, icons, PDF presentation:
<https://assets.notjust.dev/netflix>

Starting point

1. Part 1





Starting point

1. Part 1



Didn't follow part 1, but want to follow along now?



2. Clone the repo (UI branch): <https://github.com/Savinvadim1312/NetflixClone/tree/ui>
3. Install dependencies (yarn install, npx pod-install)
4. Run the project (yarn start)



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Let's get started



Setup AWS Amplify Project

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

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

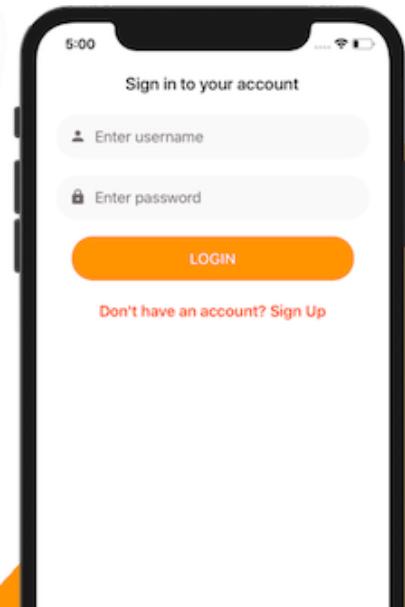
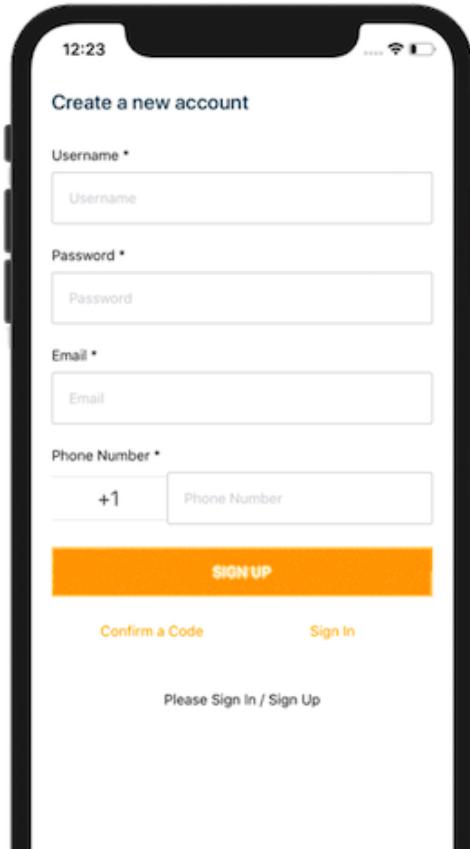
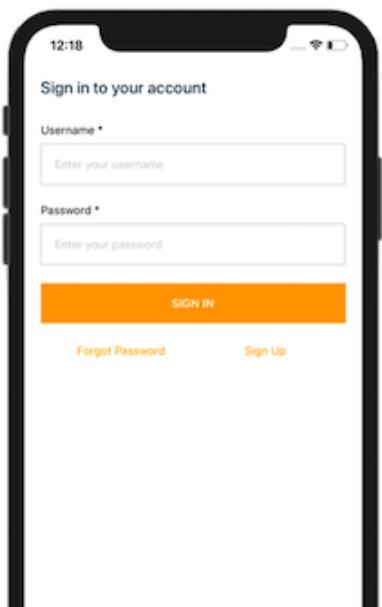
```
||| $ yarn add aws-amplify aws-amplify-react-native amazon-cognito-identity-js @react-native-community/netinfo
```

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





Authentication



Offline-first GraphQL API with Datastore

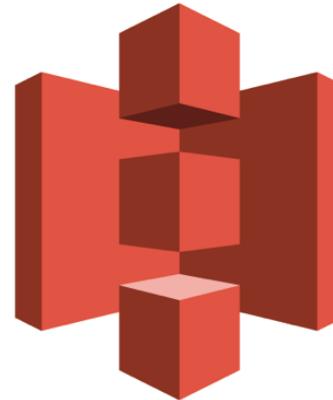


1. \$ amplify add api
2. Write the schema
3. \$ amplify codegen models
4. Push everything to the cloud (\$ amplify push)
5. Setup Admin UI and add movies
6. Query the data using Datastore

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

Storage (S3)

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



Amazon S3

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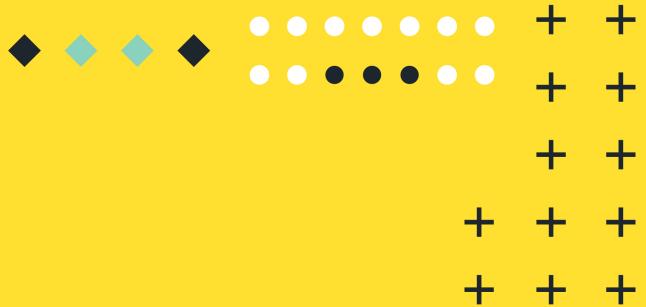


Next week, Friday at 3PM GMT

- Netflix Subscriptions and Payments



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Q&A

