

FIAP

Hybrid Mobile App Development

React Native

Sobre o professor

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Sobre a matéria

- Android nativo (Kotlin)
- Android Studio
- JavaScript (ES6)
- Boas práticas de programação
- Recapitulação de React
- React Native
- Expo Go
- Componentes base de React Native
- Navegação
- Rest API
- Firebase
- Gesture
- lot
- Hooks
- Storage
- Redux

E vai dar?



E vai dar?

Como diria a bandeira do Espírito Santo

The image shows the flag of the state of Espírito Santo, which consists of three horizontal stripes: blue at the top, white in the middle, and pink at the bottom. The text "TRABALHA E CONFIA" is written in blue capital letters across the white stripe.

TRABALHA E CONFIA

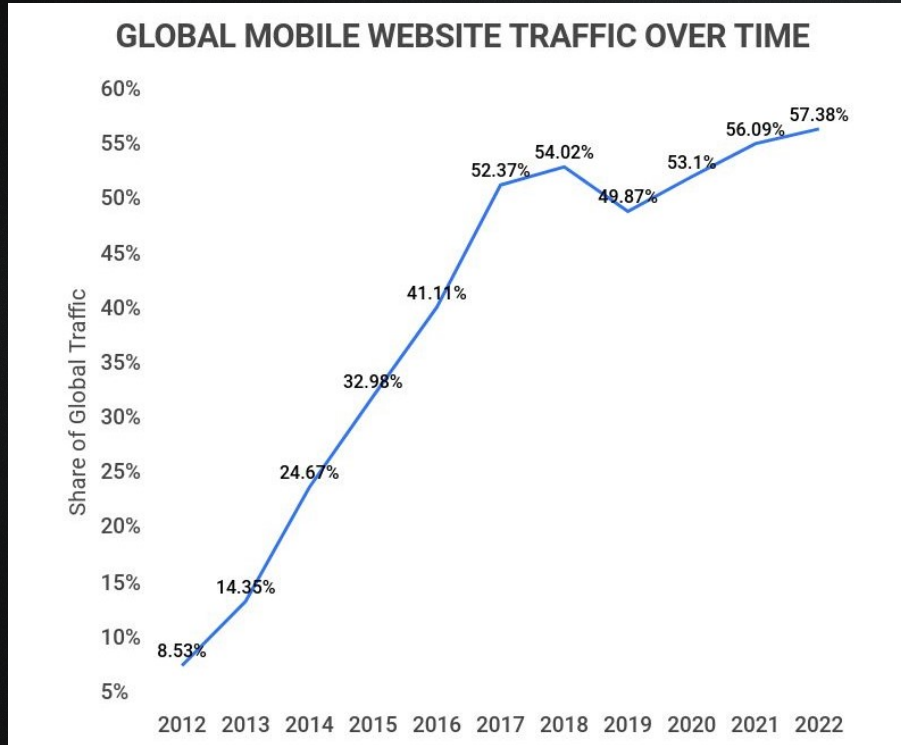
Objetivo

Formar profissionais capazes de programar para mobile, cientes dos trade-offs entre as tecnologias, e sigam as melhores práticas e tendências do mercado.

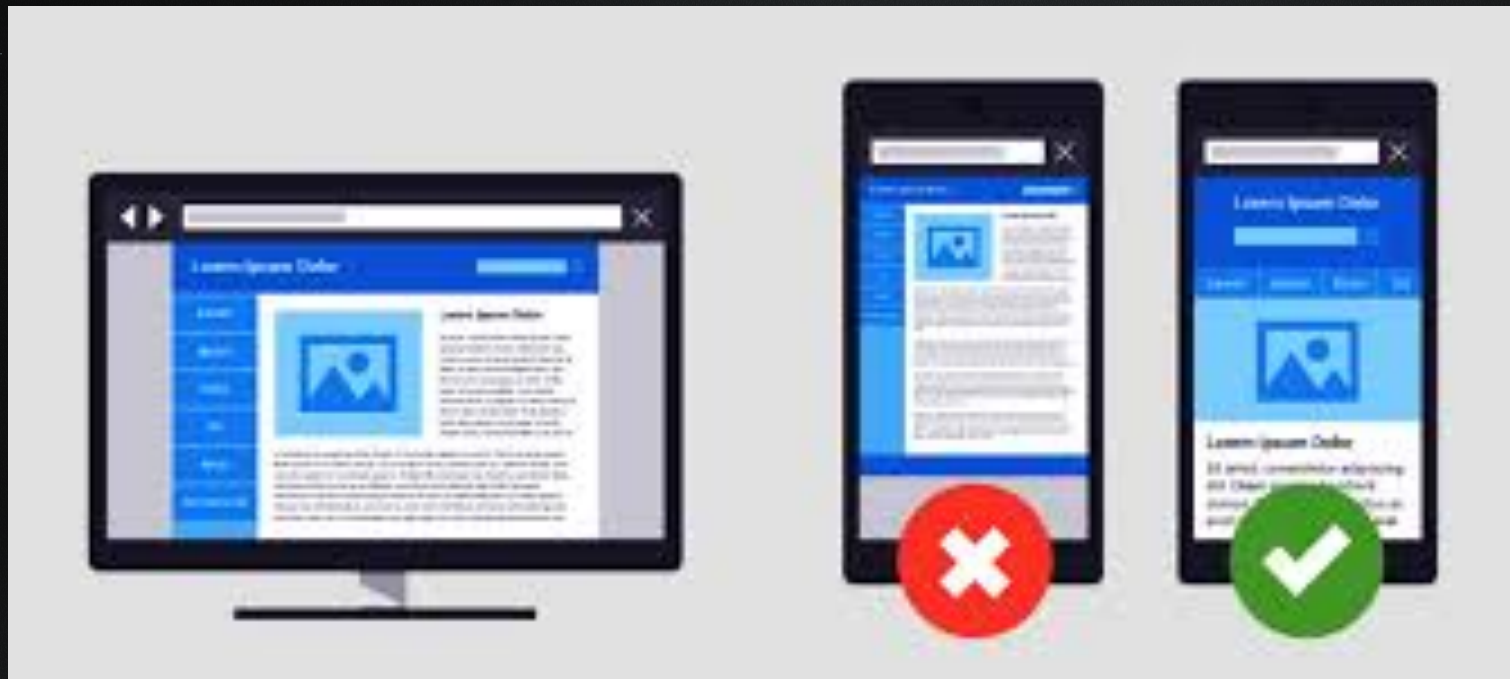
Motivações

- Mobile
- Desenvolvimento híbrido
- React Native
- Expo Go
- Android

Sobre mobile



Sobre mobile



Sobre desenvolvimento híbrido

Vantagens:

- Custo reduzido para produzir 2 apps
- Mais opções de desenvolvimento
- Maior facilidade para manter o código
- Aplicativos ficam semelhantes

Sobre desenvolvimento híbrido

Desvantagens:

- Pior performance quando comparado ao código nativo
- Maior dificuldade para uso de features exclusivas

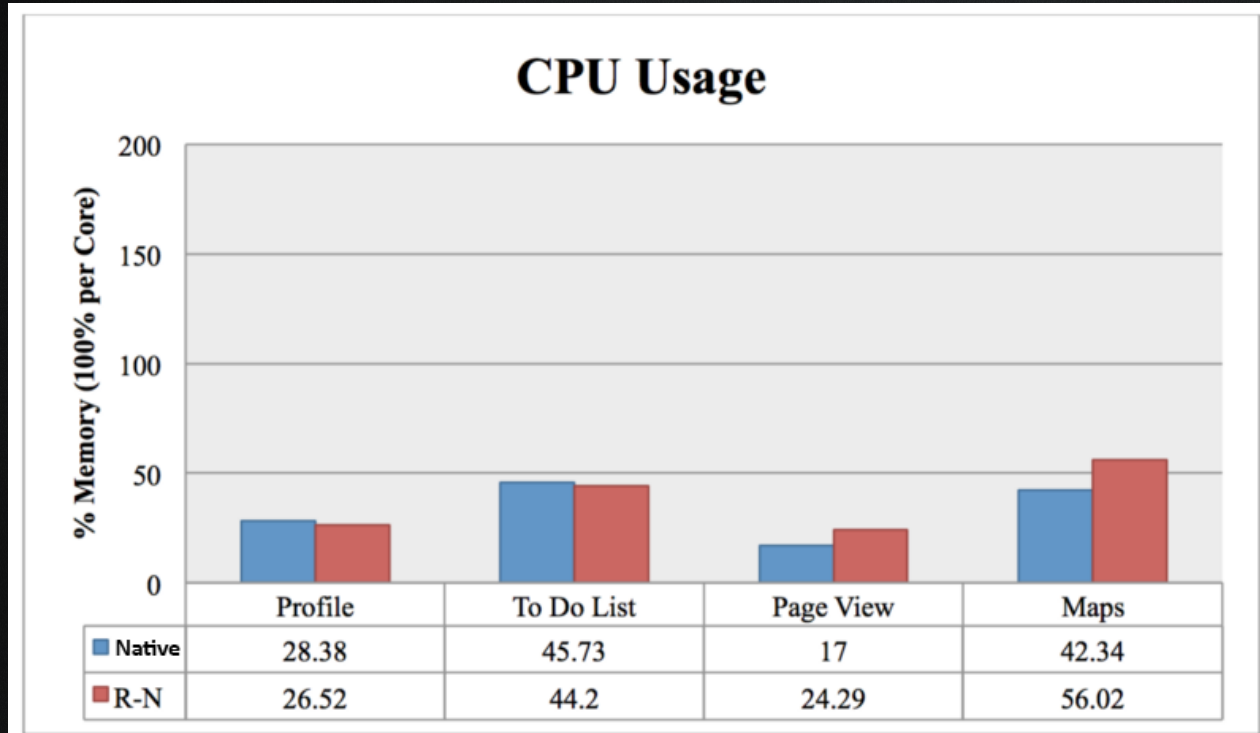
Sobre React Native



Sobre React Native

- Javascript
- React
- Desenvolvimento rápido
- Framework maduro e bem documentado
- Performance próxima ao código nativo

Sobre React Native



Sobre React Native

FLUTTER	ATTRIBUTES	REACT NATIVE
2017	First Release	2015
Google	Created By	Facebook
Dart	Programming Language	JavaScript
Smaller, non-inclusive	Components Library	Large inclusive library
37,200	Github Stars	68,690
Supported	Hot Reload	Supported
Started growing, few number of packages	EcoSystem	Quite mature, a lot of packages
Clear and up-to-date	Documentation	Up-to-date, but imprecise



Expo

Referência

[https://medium.com/the-react-native-log/
comparing-the-performance-between-native-ios-
swift-and-react-native-7b5490d363e2](https://medium.com/the-react-native-log/comparing-the-performance-between-native-ios-swift-and-react-native-7b5490d363e2)

[https://inveritasoft.com/blog/flutter-vs-react-native-
vs-native-deep-performance-comparison](https://inveritasoft.com/blog/flutter-vs-react-native-vs-native-deep-performance-comparison)

<https://expo.dev/>

Dúvidas, anseios, desabafos?

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