

Why React Native?

The case for React Native over other hybrid and cross-platform app frameworks

Truly native rendering · JavaScript ecosystem · Production-proven at scale

React Native · 2025

The difference that matters most

Most hybrid frameworks render your UI inside a web view — a browser embedded in a native shell. Users interact with HTML and CSS painted over the real interface. React Native does something fundamentally different: it maps your components directly to real native platform controls. A React Native button is a `UIButton` on iOS and an `android.widget.Button` on Android — the same components used by platform-built apps. This is why React Native apps feel native, because they are native.

One codebase. Two platforms. Zero compromise.

React Native shares business logic, state management, API calls, and the majority of UI across iOS and Android from a single TypeScript codebase. Platform-specific code is the exception, not the rule — and when you do need it, Platform.OS makes it clean and explicit.

The hiring pool advantage

React Native is built on JavaScript and TypeScript — the most widely used languages on Earth. Any React web developer can contribute to a React Native codebase with minimal ramp-up. Flutter requires Dart (niche). Xamarin requires C# (enterprise-skewed). Ionic requires Angular knowledge on top of web skills. React Native's talent pool is an order of magnitude larger than any alternative.

Backed by a decade of production use

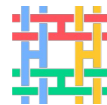
Meta, Microsoft, Shopify, Discord, and thousands of production apps have stress-tested React Native at scale. The New Architecture (JSI, Fabric, TurboModules) — stable since 2023 — eliminates the Bridge performance limitations. React Native in 2025 is mature, fast, and actively invested in by some of the largest engineering organisations in the world.

Framework	RN	Flutter	Ionic	Xamarin
Truly native UI rendering	✓	✗	✗	~
JavaScript / TypeScript	✓	✗	✓	✗
Runs on Web too (Expo)	✓	~	✓	✗
Hot reload / Fast refresh	✓	✓	✓	~
Expo managed workflow	✓	✗	✗	✗
Largest JS hiring pool	✓	✗	~	✗
GraphQL / REST ecosystem	✓	~	✓	~
Active Meta + community	✓	✓	~	✗
New Architecture (2023+)	✓	✗	✗	✗
npm package access	✓	✗	✓	✗

✓ Yes ✗ No ~ Partial / limited

Why Expo makes React Native the easiest to start

No Xcode. No Android Studio. Install one CLI, scan a QR code with Expo Go, and your React Native app runs on a real device in under 5 minutes. No competing framework offers this.



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React Native is the only cross-platform framework that is simultaneously the easiest to start, the most connected to the web ecosystem, and the most production-proven at enterprise scale.

Used in production at Meta · Microsoft
· Shopify · Discord · Walmart