

# Main Reasons for Using Kotlin for Android App Development

Are you looking to [hire Kotlin developer](#) for your project?

Consistently recognized as one of the top software development companies on Clutch, the Volpis team has spent years providing Kotlin development services to businesses across diverse industries. In this article, they will explore the main reasons why Kotlin is the best choice for Android app development and how it can benefit your business.

## Reasons for Using Kotlin for Android App Development

If you're a business owner planning to develop an Android app, the choice of programming language can make a huge difference. You want a technology that ensures efficiency, cost-effectiveness, and long-term success. Kotlin has emerged as the preferred language for Android development, backed by Google and used by companies worldwide.

But why should your business choose Kotlin over other options?

### 1. Kotlin Is Officially Endorsed by Google

One of the biggest advantages of Kotlin is its official support from Google. Since 2017, Google has recognized Kotlin as an official programming language for Android development. In fact, they've gone even further, making Kotlin the preferred language for new Android projects.

This endorsement means that:

- Google provides continuous support and updates for Kotlin.
- New Android features and tools are optimized for Kotlin.
- Developers using Kotlin get better compatibility with Google's ecosystem.

Choosing a language backed by Google ensures long-term stability and access to the latest innovations in Android development.

## **2. Faster Development and Lower Costs**

For any business, time is money. The faster your app gets to market, the sooner you can start generating revenue. Kotlin helps speed up development because it requires less code compared to Java.

With fewer lines of code, you get:

- Lower development costs (less coding time = lower expenses)
- Faster time-to-market (your app launches sooner)
- Fewer bugs (less code means fewer chances for errors)

In short, Kotlin allows your business to build an app quickly, efficiently, and cost-effectively.

## **3. Improved App Performance and Stability**

A slow or buggy app can drive customers away, leading to bad reviews and lost revenue. Kotlin improves app performance and stability by offering features that make code more efficient and error-free.

Key performance advantages of Kotlin:

- Null Safety: Kotlin eliminates common Java errors like

NullPointerExceptions, reducing app crashes.

- Coroutines: These improve how apps handle background tasks (like fetching data), making apps smoother and more responsive.
- Better memory management: Kotlin's modern design helps optimize how apps use device resources, leading to better overall performance.

If you want an app that's fast, stable, and reliable, Kotlin is the right choice.

## 4. Interoperability with Java (Easier Migration)

If your business already has an existing Android app built with Java, switching to a new language might sound risky. The good news? Kotlin is fully compatible with Java.

This means you can gradually introduce Kotlin into your existing app without rewriting everything from scratch. This allows for a smooth transition while still taking advantage of Kotlin's benefits.

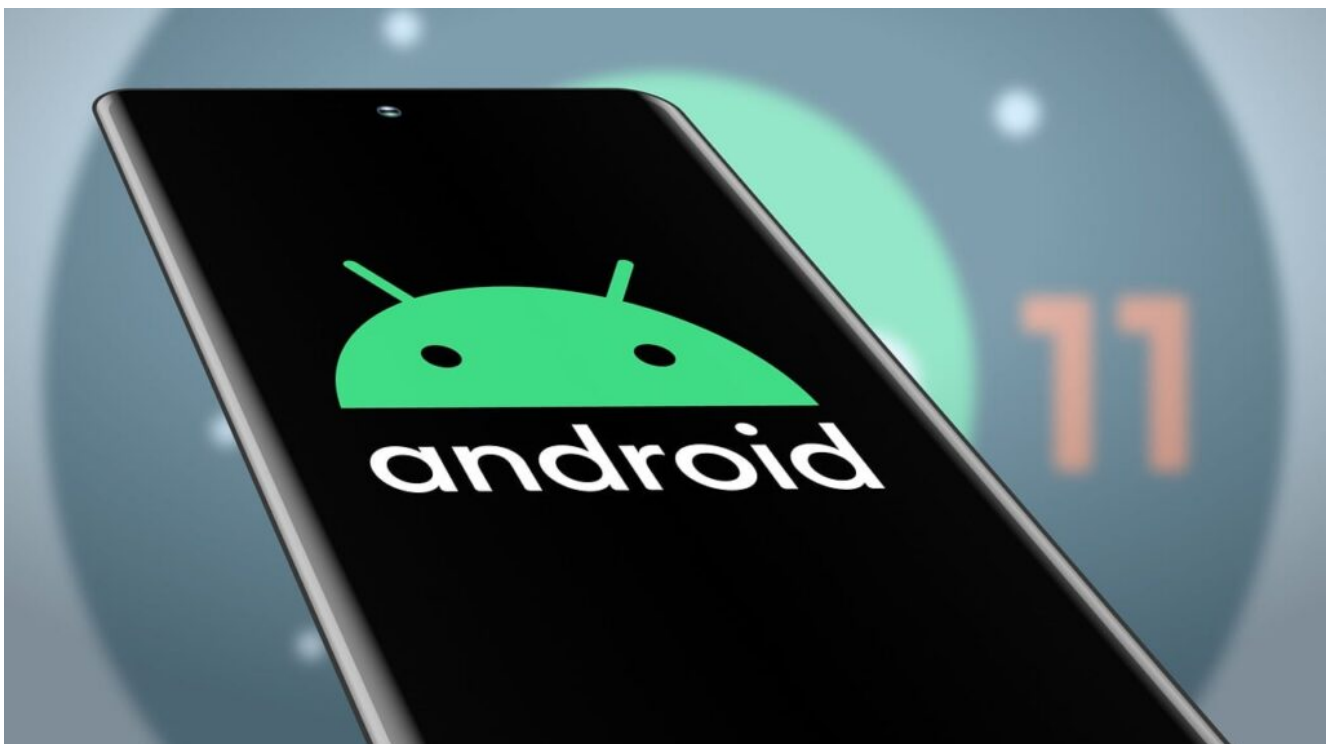


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## **5. Better User Experience (UX)**

A great user experience is critical to the success of any mobile app. Users expect apps to be fast, responsive, and free of glitches. Kotlin helps improve UX by enabling developers to write cleaner, more efficient code.

Because Kotlin reduces common programming errors, your app is less likely to crash or slow down. Features like coroutines also ensure smoother performance, leading to a seamless experience for your users.

## **6. Kotlin Multiplatform: Build for Android and iOS**

If you're planning to develop both an Android and iOS app, Kotlin Multiplatform can help save time and money. This feature allows developers to reuse code across platforms, reducing duplication and cutting development costs.

While Kotlin Multiplatform isn't a full replacement for native iOS development, it provides a way to streamline cross-platform app development, making it easier to build both versions of your app efficiently.

## **7. A Growing Talent Pool of Kotlin Developers**

When choosing a technology, it's important to consider how easy it will be to find skilled developers. Kotlin has rapidly gained popularity, and today, thousands of developers specialize in Kotlin.

This means that as a business owner, you'll have an easier time finding experienced Kotlin developers to hire. With a large and active community, you can also expect strong

developer support and continuous improvements to the language.

## **8. Security and Reliability**

Security is a major concern for any business, especially if your app handles customer data or transactions. Kotlin enhances security by eliminating common vulnerabilities found in Java.

For example:

- Kotlin's null safety features prevent crashes caused by null pointer exceptions.
- Its strong type system reduces coding errors, making the app more secure.

A more secure app builds trust with users and protects your business from potential security risks.

## **9. Scalability for Future Growth**

Your app isn't just a one-time project—it's an investment in your business. As your company grows, you may need to expand and update your app to add new features or support more users.

Kotlin makes scaling easier because:

- Its clean and simple code structure allows developers to add new features without major rewrites.
- It's fully compatible with modern development tools, making updates smoother.
- Google's support ensures Kotlin will remain relevant for years to come.

By choosing Kotlin, you're investing in a scalable and future-proof technology that can grow with your business.

## 10. Competitive Advantage

Choosing the right technology can give your business an edge over competitors. Companies that adopt Kotlin benefit from:

- Faster development cycles
- Better performance and security
- Lower maintenance costs
- A superior user experience

These advantages help you deliver a high-quality app faster and more efficiently, making your business stand out in the competitive mobile market.

## Final Thoughts: Why Kotlin Is the Best Choice for Your Business

If you're looking to build an Android app, Kotlin is the smartest investment you can make. It offers faster development, improved performance, better security, and lower costs—all backed by Google and supported by a growing community of developers. By hiring Kotlin developers, you ensure that your app is built using a modern, efficient, and future-proof technology. Whether you're launching a startup app or expanding an existing business, Kotlin provides the best foundation for success.

If you're looking to build a custom software system for your business, you can reach out to the Volpis team via [info@volpis.com](mailto:info@volpis.com) with any questions.