

MAXIME



FERRIER

ANDROID DEVELOPER



ABOUT

Specialized in the Android SDK and the latest recommendations from Google (Jetpack Compose, Paging3, MVVM, Clean Architecture, etc.)

COORDINATES

31000 Toulouse, France
maxime.ferrier@ikmail.com
maximeferrier.github.io



EXPERIENCES

Told.club • Jan 2024

Android SDK Audit

SantéVet • Jul 2023 - Dec 2023

Native Android developer

WORKS

Told build **SDKs** to facilitate user survey campaigns across Android, iOS apps, and websites, serving clients like Royal Canin, Wingly, Bricks.co. I **audited** Android SDK code, ensuring **stability**, fixing crashes, and enhancing performance through **Kotlin** best practices and **clean architecture** adoption. I drafted comprehensive audit **reports** with corrective actions and upgrade suggestions.

Led comprehensive **audit** to boost app performance, prioritizing crash reduction and Time To Market. Proactively enhanced team skills in Google tech, **bridged SDK knowledge gaps**, and improved collaboration between devs and designers. Achieved 15% crash decrease, halved Time To Market, and improved team autonomy, while introducing tech upgrades like Kotlin in **Gradle**, **Compose** and **Clean Architecture** transition on the 3 flavors of the application.

Carrefour • Apr 2022 - Jun 2023

Native Android developer

As Android **Technical Lead** at Carrefour, directed a team of 5 to 11 developers, prioritizing skill enhancement in Jetpack **Compose** and **MVVM** architecture migration. Led implementation of new features like 3/4-time payment and non-food shopping journey, while streamlining app functionality by dismantling the Carrefour Pay module. Enhanced **user experience** and **app performance** through feature evolution. **Technical stack** includes Kotlin, coroutines, Hilt, Compose, Retrofit, JUnit and Mockito.

Youboox • Nov 2019 - March 2022

Native Android developer

Renewal of the Android **native** Youboox application (e-books and audiobooks) in **Kotlin** with a **MVI** Architecture.

Keep the application up to date with new Google libraries like **Coroutines**, Jetpack **Compose**, **Paging3**, etc.

Suggestion of features, POCS on Lottie to make the application more dynamic.

EyelightS SAS • Jul 2019 - Oct 2019

Native Android developer

Focus on the EyelightS for cars Android application. A connected head-up display with hand-free interactions.

Application in **Kotlin** with a **MVP** architecture, using **RxAndroid**, **BLE**, wireless camera and the implementation of Amazon **Alexa**.

Creation of mockup to make the application more readable, POCS with **NFC** ships.

Webedia • Nov 2018 - Jul 2019

Native Android developer

I take part in the development of Pixwoo, a **social media** platform for **gamers**, as part of the Apps & Games team at Webedia, a leading digital media group. Utilized **Kotlin** and **MVVM architecture**, integrating **RxAndroid**, **Firestore**, **Messaging**, **Moshi**, and **Retrofit**. Enhanced user experience with feed, messaging, and post creation features, including AdMob ads and notification functionalities. Additionally, introduced shortcuts and presented **SonarQube** for security and code quality improvements. Collaborated with the iOS team, suggesting specific features like Peek and Pop.

MAIF • Apr 2018 - Nov 2018

Native Android developer
Sopra Steria Niort - In service at customer

Development of the main MAIF Android native application.

Application in **Java & Kotlin**, with a **MVC** architecture using **RxAndroid**.

Training of the Android team to the Kotlin language in the Android context.

Demonstration of works on Android JetPack and Android **Wear**.

Screen design support.

MACIF • Jun 2017 - Mar 2018

Mobile developer
Sopra Steria Niort - In service at customer

Development of the main MACIF hybrid application with **Cordova**.

Application in Javascript with the **jQuery** and **Underscore** libraries, structured by **Backbones**.

Training of the future Android team to the Android framework and the Kotlin language.



TRAINING

Android Associate Developer - 2019

Google Developer Certification

Kotlin Android Development - 2018

Udemy

University of Poitiers (France) • 2015-2017

Master - Physiology, Biotechnology and
Computer science

HOBBIES

Sport (Rugby, CrossFit, Mountain hiking)

It (arcade machine, meetups, IOT)

Video games (Teamwork, competitive)

