

# BRIAN



# WANGI

SENIOR MOBILE ENGINEER



## AB O U T

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

## COOR D I N A T E S

Kampala, Uganda  
brian@powellpay.com  
bryan.github.io



## EXPERIENCES

Told.club • Jan 2024  
Android SDK Audit

SantéVet • Jul 2023 - Dec 2023  
Native Android developer

## W O R K S

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

**MACIF • Jun 2017 - Mar 2018**

Mobile 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.

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 - 2017

Google Developer Certification

Kotlin Android Development - 2018

Udemy

St Petersburg University (Russia) • 2017-2019

B.S in integrated Science and technology

Masters - University of Florida,

InnovationActivity and Management

## HOBBIES

**Sport** (Rugby, CrossFit, Mountain hiking)

**It** (arcade machine, meetups, IOT)

**Video games** (Teamwork, competitive)

