Xavier Maximin

Senior Android Engineer · Kotlin / Jetpack Compose · taking over existing apps and shipping end to end

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remote or hybrid (London, Luxembourg, Paris) · available immediately, permanent or contract

I take over Android apps mid-flight and move them forward: stabilisation, Java → Kotlin debt, new features, production releases. 8 years on Android, 15 in software. I work with AI (Claude Code) to ship faster, reviewing and testing every change it produces.

Productive fast, autonomous, no hand-holding needed: took over Free's field app mid-project as technical referent, shipped an encrypted-messaging prototype in one month at HENSOLDT, sole Android developer at Skiddle, Lofti and BBOXX (around 50 production releases).

Beyond mobile when the project needs it: built the Auchan Côte d'Ivoire website and back office in Ruby on Rails, from mock-ups to production, solo; 5 years of Java/JEE at Capgemini, CGI and Sopra Steria.

Domains: OTT streaming (Media3, ads, Cast), payments, offline-first field apps, mobile security. Contract or permanent, remote or hybrid.

EXPERIENCE

Auchan Côte d'Ivoire — remote (Lyon)
Freelance Full-Stack Ruby on Rails Developer — Retail / e-commerce — Jul 2026 – present

- Sole developer from requirements to production: mock-ups, prototype, client sign-off, then website and back office delivered on 1 October 2026.
- Interactive prototype of a mini-ATS for HR (application tracking, team discussion, interview invitations).

Stack: Ruby on Rails, PostgreSQL, Docker.

Bedrock Streaming (M6+, RTL+, Videoland) — Lyon
Senior Android Developer, Player & Ads — White-label OTT streaming — Jul 2025 – Apr 2026

- Refactored VAST/VMAP ad macros using the Strategy pattern and added unit-tested features.
- Stabilised Google Cast on live streams; diagnosed ad issues in production with Charles Proxy.
- Fixed Player, Ads and Compose bugs on phones, Chromecast and Fire TV across several European markets.
- Stabilised a multi-module codebase migrating from Java to Kotlin, within a Scrum team of 5 Android developers.

Stack: Kotlin, Java, Jetpack Compose, Media3/ExoPlayer, Google Cast, VAST/VMAP, JUnit; Widevine DRM-protected streams (existing integration).

HENSOLDT — Élancourt, France
Android Developer, Security R&D — Defence — Jun 2025 (one-month engagement)

- Delivered a secure-messaging prototype in one month, built on a C/C++ attribute-based encryption library.
- Integrated the native code through NDK/JNI alongside a cryptographer; set up USB device provisioning.

Stack: Kotlin, Jetpack Compose, MVI, Flow, Android NDK/JNI, C/C++.

Free SAS — Paris
Android Lead / Technical Referent — Telecoms, fibre field app — Jan 2025 – Mar 2025

- Technical referent for Aboracco, the Android app Free's fibre technicians use on site: job scheduling and optical routes for subscriber connections.
- Took over the project mid-flight; delivered the planned features, including SMS notifications.
- Reviewed merge requests and supported production releases.

Warner Bros. Discovery (discovery+ / Eurosport) — remote, France / UK / Poland team
Freelance Android Developer, Sport & Player Overlays — OTT streaming — Nov 2022 – Apr 2023

- Owned the in-player "Report a Problem" feature end to end: API, models, business rules and Compose UI.
- Built the data and domain layers of the Play-by-Play API on tablet, with unit tests.
- Worked on localisation, remote configuration and per-region headers in a multi-module Clean Architecture.

Stack: Kotlin, Jetpack Compose, Coroutines/Flow, Koin, JUnit, Detekt, GitHub Actions.

Lofti — London
Android Developer, sole owner of the app — PropTech — Aug 2021 – May 2022

- Built the Maintenance module: issue reports, dynamic types, drafts, attachments.
- Integrated real-time messaging and led the first Play Store release.

Stack: Kotlin, MVVM, Coroutines, Koin, Retrofit, Room, Firebase.

Skiddle Manchester (fully remote from London)
Android Developer, sole owner of the app — Ticketing / payments Oct 2020 – Aug 2021

- Owned the Android app and its Play Store releases.
- Payments: Stripe with 3D Secure, Stripe/Braintree refactoring, extended Google Pay, Espresso E2E tests.
- Rebuilt login around magic links; introduced Kotlin, MVVM, Coroutines and Hilt into a Java/MVP app.

BBOXX London
Android Developer — Offline-first field CRM, solar energy in Africa Sep 2017 – Oct 2019

- Sole Android developer from 2018: migrated the app from Java to Kotlin, then led a full rewrite independently.
- Designed the offline architecture for low-connectivity regions: local cache, sync, retries, single source of truth.
- Around 50 multi-country production releases (Git Flow, Fastlane, Crashlytics); field observation of sales agents in Kigali.
- Leads, commissions, rankings and upgrades modules, integrated with the Odoo/Python backend.

Earlier experience — 2010 to 2019

- **Geneva University Hospitals (2019), healthcare:** Android medical-inventory app (code scanning, OCR, hospital IT integration); daily collection cut from about 1 hour to 5 minutes.
- **Google (2017), payments:** support for the European rollout of Android Pay and the GTech programme; built an internal reporting tool.
- **Squirrel.fr, Cegos, Société Générale (2016):** Android development and training.
- **Capgemini, CGI, Sopra Steria (2010 – 2015):** Java/JEE, Spring and PL/SQL engineer for large enterprise clients.

May 2023 – December 2024: period in Guadeloupe, spent keeping skills current before returning to mainland France.

SKILLS

Android: Kotlin, Java, Jetpack Compose, Coroutines, Flow, MVVM, MVI, Clean Architecture, multi-module

Media and advertising: Media3/ExoPlayer, Google Cast, VAST/VMAP, Chromecast, Fire TV

Payments: Stripe, Braintree, Google Pay, 3D Secure

Data and quality: Retrofit, OkHttp, Room, Realm, offline sync, JUnit, Espresso, Detekt, ktlint, Crashlytics

Delivery: Gradle, Fastlane, GitHub Actions, Git Flow, Google Play Console

Beyond mobile: Ruby on Rails, PostgreSQL, Docker, Java/JEE, Spring, SQL/PL-SQL, Android NDK/JNI

EDUCATION

SUPINFO International University, France: International Master of Science (MSc) in Computer Science Engineering, five-year programme (300 ECTS credits), class of 2010.

Lycée Baimbridge, Pointe-à-Pitre, Guadeloupe: scientific baccalauréat, mathematics specialism, 2003.

LANGUAGES

French (native) · English (fluent, 5 years working in London)