SENIOR ANDROID DEVELOPER

LOÏC TEYSSIER
freelancer

As a software engineer, I have accumulated 10 years of experience in software development, including 8 years in native Android development. I also have significant experience with NodeJS web frameworks such as React, React Native, and NextJS, as well as GraphQL for the backend.

I am proficient in all technical aspects of developing a software solution, from conceptualization to production. I enjoy finding technical solutions to problems, whether it involves optimizing certain parts of an application or creating entirely new applications to meet specific needs.

KEY SKILLS

Android	Kotlin
Java	MVVM
Jetpack Compose	Coroutines
Clean Architecture	Modular Architecture
Retrofit	Room
Dagger Hilt	Koin
Flow	Android Auto
Git	Firebase
Javascript	NodeJS
React	React Native
REST	GraphQL
SQL	MongoDB

CONTACT

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PROFESSIONAL EXPERIENCE

Senior Android Engineer | june 2023 - may 2024| | #freelance
Dream Energy - Dream Energy App

Application allowing users to connect to an electric car charging station, monitor the charging progress, and access their charging history and statistics.
- Integration of Mapbox
- Payments via Google Play
- Creation of a CI with GitHub Actions
- Modular Architecture & Clean Architecture
- E2E testing with Appium & SauceLabs

Android / Java / Kotlin / MVVM / Flows / Jetpack Compose / GitHub Actions / Clean Architecture / Appium

Senior Android Engineer | september 2022 - march 2023 | #freelance
UserAdgents - Hedios App

Mobile application for Hedios Gammes H, allowing users to track their various financial investments.
- Creation of interactive charts using Android canvas.
- From Scratch
- Biometric authentication
- User interaction tracking
- Modular & Clean Architecture
- Kotlin Multiplatform
- CI with Bitrise

Android / Java / Kotlin / Flows / KMP / MVVM / Koin / Bitrise CI / Clean Architecture / JUnit / Espresso

Android Engineer & Mentor | november 2021 - september 2022 | #freelance
Extrabat - Extrabat Today App

Application allowing artisans to manage their appointments. Daily mentoring and guidance for a junior developer.
- Implementation of a request cache to replay failed requests (offline areas).
- Implementation of a form system.
- Daily mentoring of a junior developer.
- Teaching best practices, conducting code reviews...
- Early adoption of Jetpack Compose.
- CI setup with GitlabCI.
- Unit tests, UI tests, E2E tests

Android / Java / MVVM / Kotlin / GitlabCI / Jetpack Compose / Espresso / JUnit

Android Engineer | february 2021 - november 2021 | #freelance
Ingenico - Embedded App in Payment Terminals

Adding an abstraction layer for calls to the Ingenico SDK in existing apps to enable installation on other terminals using a different SDK.
- Engagement with teams to agree on new APIs.
- Creation of an API to enable hardware functionality across all types of terminals.
- Extensible API to potentially add other types of devices. (& Tests)
- Clean Architecture & modular architecture.

Android / Java / Modular Architecture / Kotlin / Jenkins / JIRA / JUnit

Android Engineer | september 2020 - february 2021 | #freelance
Otonomy Aviation - In-Flight Embedded Apps

Development of applications to control and display streams from onboard cameras in aircraft (Dassault, Bombardier / Collins Aerospace).
- Displaying video streams from IP cameras.
- Dialogue with a central unit via TCP.
- Technical meetings with certain clients in the USA.
- Integration of applications into aircraft cabin control systems.
- Unit tests & UI tests

Android / Java / Kotlin / GStreamer / Network / JUnit / Mockito / Espresso

LOÏC TEYSSIER DEV

HOBBIES

Sports (Boxing, Fitness, Running, Calisthenics...)
Tech
Skydiving
Travel

DIPLOMA

Software Engineer, Software Development

UTBM BELFORT

Engineering School

Graduated in 2014

Lead Android Engineer | mars 2017- août 2020 | #freelance
Ki-Lab - Globule App

Continuation of the development of the Globule application as a freelancer (see previous experience).
- Design and development of front-end screens.
- Mentoring of 2 junior developers: Skill enhancement, delegation, code reviews, ...
- Implementation of a Telemedicine feature using Twilio.
- Implementation of instant messaging.
- Continuous integration with Circle CI.
- Unit Tests & UI Tests

Android / Java / Kotlin / Firebase / Twilio / JUnit / Espresso

Software Engineer | february 2014 - march 2020
Capgemini

- **2017 - 2020 :   KiLab - App Globule**

Mobile application allowing healthcare professionals to simplify tracking of actions related to patients.
- Development of front-end screens.
- Continuous integration with Circle CI.

Android / Java / Kotlin / Firebase / CircleCI / Retrofit

- **2014 - 2017:   Pôle Emploi**

Internal software for Pôle emploi facilitating the tracking and management of job seekers' return to employment.
- Development of functionalities.
- Technical studies realization.
- Agile SAFe methodology.

Java / J2EE / SQL / Hibernate

PERSONAL PROJECTS

1List

Android application for managing multiple lists from a single screen. Currently still in production.
- Open Source
- Published on Google Play and FDroid
- Complete migration of the codebase to Jetpack Compose
- Modular & Clean Architecture
- Unit and UI Testing

https://github.com/lolo-io/OneList
Android / Java / Kotlin / Firebase / OpenSource / JUnit / Espresso / Compose Test

Fythos | 2021 - 2022

Creation from scratch of a platform for sharing and participating in sports activities. Similar to Meetup, but focused solely on sports. The application was in production.
- Application selected by the startup incubator 1Kubator. I spent a few months with them.
- Android & iOS Application
- React Native
- GraphQL Backend
- MongoDB Database (Atlas)
- Backend hosted on Vultr
- Email sending with Mailgun
- Facebook & Google Authentication

https://www.fythos.com
React JS / Node JS / GraphQL / MongoDB / Mailgun / Firebase /Android / IOS / UI & UX ...

Unfortunately, the development of this application was abandoned, and the application is no longer in production.