

SOFTWARE ENGINEER

EMPLOYMENT HISTORY

- Oct. 2021 - Currently **Staff Engineer, Android at Apollo GraphQL** (software publisher, San Francisco, USA)
- . New features and maintenance on the open source project Apollo Kotlin, a GraphQL client library used by major Android apps (Netflix, X, Reddit, GitHub, ...).
 - . Focus on the caching features and performance.
 - . Development of a plugin for Android Studio / IntelliJ.
 - . Team of 2 developers, with contributions from the community.
- Environment: GraphQL, Kotlin Multiplatform, Gradle, Code generation, Coroutines, SQLDelight, Android Studio / IntelliJ.
- 2018 - 2021 **Android Expert at Qonto** (neobank, Paris, France)
- . New features and maintenance on the Qonto banking app.
 - . Strong focus on architecture; core modules and services; keeping the codebase maintainable, clean and modern; team best practices and documentation; newcomer training; tooling; R&D; etc.
 - . Team grew from 3 to 10 developers.
- Environment: Android, Kotlin, MVVM / Clean Architecture, Realm, Databinding, Coroutines, Dagger, JSON, Gitlab, Android Studio, Gradle.
- 2017 - 2018 **Android Developer at LESS** (software publisher, Paris, France, now part of BlaBlaCar)
- . Development of the LESS app, a peer-to-peer ridesharing service.
 - . Started from scratch with another Android developer, and worked from the inception to the publication on the Play Store, and on the maintenance / new features of the app.
 - . Implemented turn by turn navigation / GPS (incl. voice instructions) features.
 - . Strong focus on real time messaging aspects (PubNub, FCM.)
- Environment: Android, Java, Kotlin, Arch components (ViewModel, Room), RxJava, Databinding, Dagger, Firebase, Mapbox, PubNub, FCM, JSON, Github, Android Studio, Gradle.
- 2016 - 2017 **Android Developer at Blackpills** (media company, Paris, France)
- . Development of the Blackpills app, a browser and player for original mini series meant for mobile consumption.
 - . Started from scratch with 2 other Android developers (full Kotlin).
 - . Strong focus on the UI/UX.
 - . Worked on payment, ads, offline mode (video download), and more.
- Environment: Android, Kotlin, ExoPlayer, HLS, Swagger, JSON, Gitlab, Android Studio, Gradle.
- 2012 - 2016 **Lead Android Developer at Family And Co.** (software publisher, Paris, France, as freelance)
- . Development on the FamilyWall app, which helps users organize, communicate and share contents within their family.
 - . Strong focus on the UI/UX.
 - . Implemented a full-featured calendar with month and next events views.
 - . Customized the software for customers (branding, integration.)
- Environment: Android, Java, Custom UI components, C2DM/GCM, In-app purchase, Maps API, Google Play Services, Content Provider, JSON, Git, Jenkins, Android Studio, Gradle.
- 2011 - 2012 **Lead Android Developer at Plizy** (software publisher, Paris, France)
- . Development of the Plizy app for tablets, a video aggregator / player.

- . Started from scratch and was responsible for the project from the inception to the publication on the Play Store.
 - . Developed a video player using a VideoView or a WebView depending on the provider (YouTube, Vimeo, Dailymotion, etc.)
 - . Designed and implemented an image caching mechanism for the thumbnails.
- Environment: *Android, Java, Animations, VideoView, WebView, Content Provider, Facebook, Twitter, JSON, Git, Jenkins, Eclipse.*

2008 - 2011 **Android and Backend Developer at Vox Mobili (software publisher, Paris, France)**

- . Development on the Phonebook 2.0 app for Android, a synchronized and social address book.
 - . Designed and implemented a generic engine that integrates with social networks (Twitter, Facebook, LinkedIn, MySpace, etc.) and managed developers implementing connectors using this engine.
 - . Implemented presence / chat features using the RCS protocol.
- Environment: *Android, Java, J2EE, Javascript, Ajax, JSON, SOAP, SyncML, Oracle, Tomcat, Subversion, Eclipse.*

2006 - 2008 **Java Developer at Oalia (software publisher, Suresnes, France)**

2003 - 2006 **Java Developer at Pegasis (IT services and software publisher, Paris, France)**

2001 - 2003 **Java Developer at Icom Informatique (software publisher, Charenton, France)**

SKILLS

Development: Excellent knowledge of the Android platform.
 Excellent knowledge of the Kotlin and Java languages.
 Experience with C#, C++, and C.
 IntelliJ/AS and Eclipse environments.
 Other skills: Shell, Pascal, Ada, assembly language.

Server-side and web: Frameworks: Ktor, Spring Boot, JSP/Servlets.
 Very good knowledge of GraphQL, HTML/CSS, JavaScript.

Databases: SQL language; Oracle, MySQL and SQLite.
 JPA, Hibernate, JDBC, SQLDelight, Room, Realm.

Concepts: Design Patterns; Clean Architecture; UML.

Operating Systems: Good knowledge of Linux / Unix; MacOS; Windows.

Languages: English: fluent.
 French: native language.

EDUCATION

1998 - 2001 . Computer science at EPITA (Ecole Pour l'Informatique et les Techniques Avancées)
 . Information Systems & Software Engineering option

1996 - 1998 . D.U.T. informatique (Diplôme Universitaire Technologique in computer science), Software Engineering
 option at I.U.T. of Vélizy

1996 . Baccalauréat, Science series, Mathematics option