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SOFTWARE ENGINEER

EMPLOYMENT HISTORY

- Current Android Expert at [Qonto](#) (neobank, Paris, France)
- Sep. 2018 . 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.*
- 2018 Android Developer at [LESS](#) (now part of [BlaBlaCar](#), software publisher, Paris, France)
- 2017 . 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.
 - . Setup an MVVM architecture using Arch components.
 - . Implemented turn by turn navigation / GPS (incl. voice instructions) features.
 - . Strong focus on real time messaging aspects (PubNub, FCM.)
 - . At BlaBlaCar: new features and maintenance on the [BlaBlaCar Daily](#) app.
- Environment: Android, Java, Kotlin, Arch components (ViewModel, Room), RxJava, Databinding, Dagger, Firebase, Mapbox, PubNub, FCM, JSON, Github, Android Studio, Gradle.*
- 2017 Android Developer at [Blackpills](#) (media company, Paris, France)
- 2016 . 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.*
- 2016 Lead Android Developer at [Family And Co.](#) (software publisher, Paris, France - as freelance)
- 2012 . 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.
 - . Communication with the REST/JSON API.
 - . 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.*
- 2012 Lead Android Developer at [Plizy](#) (software publisher, Paris, France.)

- 2011 . 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.
 - . Communication with the REST/JSON API.
 - . 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.*
- 2011 Android and Backend Developer at [Vox Mobili](#) (software publisher, Paris, France)
- 2008 . 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, ...) and managed developers implementing connectors using this engine.
 - . Implemented presence / chat features using the RCS protocol.
 - . Server-side development on the PIM product (synchronized address book, calendar, tasks, pictures / videos, etc.)
 - . Customized the software for customers: T-Mobile, Bouygues Telecom, Orange, Telstra.
- Environment: *Android, Java, J2EE, Javascript, Ajax, JSON, SOAP, SyncML, Oracle, Tomcat, Subversion, Eclipse.*
- 2008 Java Developer at [Oalia](#) (software publisher, Suresnes, France)
- 2006 . Maintained and enhanced the in-house Framework.
- . Development on the OSRM / OSPM v3 and v4 products (spend management software.)
 - . Designed and implemented the Supplier Portal module (remote application communicating using Web Services.)
- Environment: *Java, J2EE, Hibernate, Turbine, Velocity, Ajax, SOAP, Axis, Oracle, Tomcat, Weblogic, Subversion, Maven, Eclipse.*
- 2006 Java Developer at [Pegasis](#) (IT services and software publisher, Paris, France)
- 2003 . Development on web applications (internet/intranet) for customers: France Télécom, l'Apec, Casino, Le Mémorial de la Shoah, Planète TP.
- . Used Pegasis' internal framework (MVC2 model) and Délia CMS.
- Environment: *Java, J2EE (JSP/Servlets/Taglibs), Tiles, SQL, Oracle, CVS, Tomcat, Ant, IntelliJ, Eclipse.*
- 2003 Java Developer at [Icom Informatique](#) (software publisher, Charenton, France)
- 2001 . Development on the web and Swing applications.
- . Ported a scripting language interpreter to Java.
- Environment: *Java, JSP/Servlets, Applets, Swing, Java web start, JavaCC, XML, LDAP, SSL, Visual SourceSafe, Ant, IntelliJ.*

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, Perl, TCL, Pascal, Ada, assembly language.

Server-side and web: Frameworks: KTOR, JSP/Servlets, Struts, Turbine.

Very good knowledge of HTML, CSS, Javascript, XML, XSL/T.

Other skills: GraphQL, FreeMarker, PHP, Flash, Applets.

Databases: SQL language; Oracle, MySQL and SQLite.

JPA, Hibernate, JDBC, 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), Paris, France.
 . [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](#), France.

1996 . Baccalauréat, Science series, Mathematics option.

INTERESTS AND HOBBIES

Reading (science, science-fiction), cinema, music (bass guitar), geocaching.
A few hobby Android apps ([Play Store](#)) and pet projects ([Github](#)).