

Lucas Cordeiro

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Summary of qualifications

- ✓ Flutter development 5 years
- ✓ Flutter 2 and 3 knowledge with Null Safety
- ✓ Android Java and Kotlin development (2 years).
- ✓ React Native Development (1 year)
- ✓ Architectures: MVVM, Clean Architecture, SOLID, Micro-frontend.
- ✓ TDD (Test Driven Development)
- ✓ Knowledge in unit tests, widget tests, integration tests, and Firebase Test Lab.
- ✓ Knowledge in Git and GitFlow.
- ✓ Knowledge in CI/CD
- ✓ Knowledge in agile methodologies, Scrum, and JIRA.
- ✓ Publication in Google and Apple stores
- ✓ Firebase knowledge: Analytics, Crashlytics, Remote Config, Realtime Database, Push Notifications, Test Lab, App Distribution.

Academic education

- ✓ Computer Engineering - Universidade Tecnológica Federal do Paraná

Language

- ✓ English
- ✓ Portuguese

Professional Experience

- ✓ **BRQ**
09/2021 – Currently
Position: Senior Mobile Developer (Flutter and Android)
 - Itaú Bank - Bank Application: The biggest Bank here in Brazil. Application made in Android (Kotlin and Java) for bank customers. I'm participating in the maintenance and creation of new features of the Initial Journey module that deals with the client's first access to the application. Micro-frontend architecture. In this application, I contributed to the integration of the Bank's Facial Biometrics Authentication on this module. I Implemented this SDK to do facial recognition to help Fraud Department to prevent scammers and fraud people. Making the app more secure.

- BV - Votorantim Bank - Bank Application: I participated in the creation of the Open Finance module, which is the sharing of banking data, and the creation of the Canceled Card module which is the experience aimed at credit card defaulters. Working with Clean Architecture, micro Applications and Flutter 2.5 version, BLOC, Mobx, ValueNotifier, RestAPI, and unit and widget tests.
- App Agrity: Application to trade grains (soybean, corn, etc) to connect the producer with large buyers. The app is being developed in React Native. I worked punctually helping the team configure Firebase in the project (analytics, Crashlytics, Sentry, and Firestore) and distributing apps for Firebase Distribution.

✓ **WebHouse.pt - (Portugal) - International Experience**

08/2021 - 12/2021

Position: Desenvolvedor Mobile Flutter (Freelancer)

- App MyStand - I started creating the project from scratch in Flutter 2.5, creating widgets, design systems, and architecture using Clean Arch.

✓ **Livetouch**

08/2020 - 09/2021

Mid-Level Mobile Developer

- Gama Quali+: Application in React Native for Qualicorp health care similar to Petro Saúde. The application was not working on both Android/iOS platforms, the React version was updated, some libraries were updated and others were replaced. We created new features, such as pharmacies and vouchers.
- Gama Saúde and Petro Saúde: It is an application made in Flutter for this health care. It has a virtual card, searches for accredited networks, reimbursement requests, etc. The project used GPS and Maps, Clean Architecture, tests were done, etc. To generate the build of 2 applications with the same source code, 2 flavors were created in the project.
- Online Clinic: Flutter application for medical clinics, to control doctors' schedules (appointments and exams) and patient registration. We received the application completely buggy and non-functional. Refactored and migrated to Flutter 2.0 for the client. The application has also been redesigned. The deadline was fast, around 3 months.
- Enturma: Application built in Flutter for Instituto Porto's students, where students can view the courses they are enrolled in and the virtual disk where the professor can put the educational stuff. Within the class session, there are videos, lessons, and pdf/ppt files, that can be viewed online or offline. Most students do not have the internet at home, so the app gives support for the institute's Wi-Fi to download classes and watch them later at home offline. The app is made from scratch and with Clean Architecture and unit, widget, and integration tests with 90% coverage.
- Bluu: App made using Android to inspect vehicles used by Porto Seguro customers. The purpose of the app is to take pictures and facilitate the service of brokers. I participated in the maintenance of the app in some features and also in the creation of the Bluu version (a copy of the app with a different visual identity).

✓ **Grupo Wise Up Escola de Inglês (Wiser)**

11/2019 - 08/2020

Junior Mobile Developer

- MeuSucesso.com: The app was made using Android with Kotlin. This app is for WiseUp's students and is a supporting educational material containing video classes, a student calendar, language exercises for speaking, listening, reading, and other features. I participated in the project maintenance. I implemented Firebase Crashlytics and Analytics in the project to facilitate bug fixes and analysis. I fixed several bugs and implemented Firebase Firestore and a real-time database for version control and rating of the app from the students. It was updated for the version of Exxoplayer (video player) and saving the progress of video classes was implemented.
- WiseUp: App made in Android with Kotlin. The app is for students of franchising and is a support material, which contains video classes, a student calendar, language exercises for speaking, listening, reading, and other functionalities. I participate in maintaining of project. I implemented Firebase Crashlytics and analytics in the project to facilitate the realization of bug fixes and analysis. I fixed severe bugs and implemented Firebase Firestore and a real-time database for version control and rating of the app from the students. Was updated the version of Exxoplayer (video player) and implemented the saving progress of video classes.

✓ **Livetouch**

08/2018 – 11/2019

Position: Mobile Developer

- Dandelin is a Startup that makes it possible for you to schedule medical and telemedicine visits from the app. The differential is that the more clients there are the more affordable the monthly payment is for each one, which makes it more accessible to the people. The app was built with Flutter, using the classic model of scheduling medical consults, finding doctors by specialty and localization, and then selecting the date/time of the visit. One of the latest developed features was the telemedicine visit, which we made using the Zoom library, where we faced a challenge because the library only supports Android and IOS native. Therefore, we created a bridge between Flutter (UI Screen) and Native Android which calls the framework using Platform Channel.
- ADAMA Pastagem: The app was made in Flutter for ADAMA, one of the biggest companies for cultivation protection. The App has the purpose of helping ADAMA consultants visit farms, generating reports about pests that attack farms, and recommending ADAMA products like pesticides. The app has 2 profiles, ADAMA consultants and the client (farmer), where the client receives reports made for the app. The app needs to work in the middle of the farms, where the internet connection is very bad, so, the app was developed to work offline with about 30 tables using SQLite library for data persistence. The report is made offline, by capturing photos and localization, then when the app has a connection, it starts synching data. This application won an award for innovation inside ADAMA International. Published in the Apple Store and Google Play.