

Vinícius Calgaro

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Summary

Mobile developer with 4 years of experience in **Android (Java)** and **Flutter/Dart**. Expertise in commercial applications (POS) with messaging, integration of SDKs/APIs for POSs and integrated ecosystem between Flutter apps, Android and Java services. Specialist in **responsive designs**, **UI/UX** and architectural patterns (**MVC**, **MVVM**), following principles of **Clean Code** and **SOLID**. Experience in publishing a Flutter app (personal project) on Play Store. Experience in **log analysis**, reducing crashes and increasing reliability. Active participation in agile teams (**Scrum**), with **Jira** for management and **Git/GitFlow** for versioning. Obsessed with learning and in constant search of evolution, with a collaborative spirit and **attention to detail**.

Professional Experience

MID-LEVEL DEVELOPER | SWEDA AUTOMAÇÃO COMERCIAL | NOV 2021 - CURRENT

- Development and maintenance of an ecosystem of price query terminals (native Android), with Java backend services using **Spring Boot** and **Flutter Web** portal orchestrated via **Docker containers** and contribution to the creation of **RESTful APIs** for integration between systems.
- Development in **Flutter** ecosystem with different applications, being responsible for implementing responsive design, using state management with **Provider**, **reusable components** and **modularization** and routing system with **GoRouter**. Increased the speed of updating application data by 50% through the implementation of Isolates.
- Integration with SDK/API and Android commercial application (POS) approval process in store for Stone **POS**. Integration of Mobile Flutter application with OpenPix's Pix API. Integration of applications with **Firebase**, **Crashlytics** and **Google Analytics**, contributing to the analysis of stability metrics and proactive reduction of errors in production.
- Worked in a distributed ecosystem with **ActiveMQ**, implementing asynchronous messaging between the POS and back-office services (ERP), following the **Pub/Sub** pattern. Acting in an Android app with modular architecture using **Fragments**, **Navigation Component** and good lifecycle management practices.
- Significant reduction of memory leaks with the use of **LeakCanary**. Development of unit, instrumented and automated tests with **Espresso** for Android, as well as unit tests and widgets in Flutter, ensuring coverage and stability of applications.

Personal Projects

GUITAR NOTEBOOK | Flutter Multiplatform App ([Learn more](#))

- **Published on Play Store** and with a **web version** via GitHub Pages. Application with **modern and responsive interface** designed to help musicians organize their studies, record progress and master their favorite songs.
- Flutter/Dart, **Drift database (SQLite for native and IndexedDB on the Web)**, **MVVM architecture** with **Clean Architecture** for separation of responsibilities, using **Internationalization** resources (l10n) and state management with **Provider**. **CI/CD**: automation of build and deployment of the web version with **GitHub Actions**.

Education

Systems Analysis and Development Technologist | FATEC Guarulhos, 2020-2024

Courses

- **Wizard: English Course (TOEIC: 720) | 2019**
- **Udemy: Java: Complete | 2022**
- **Udemy: Advanced Flutter Development | 2025**
- **Data Science Academy: Python Fundamentals for Data Analysis | 2020**

Languages

- **Portuguese – Native**
- **English – Fluent**
- **Spanish – Intermediate**

Habilidades

Hard Skills: Mobile: Flutter/Dart, Android Native (Java), Responsive UI, UI/UX, State Management w/ Provider and Change Notifier; Architecture: MVVM, MVC, SOLID, Clean Code; Backend e Infrastructure: MySQL, SQLite, Firebase, Docker, Spring Boot, ActiveMQ, JMS (Java Message Service), APIs RESTful; Methodologies & Process: Git e GitFlow, Jira, Scrum.

Soft Skills: Attention to detail and perfectionism. Problem-solving. Team collaboration. Organization and discipline. Proactivity and adaptability.