

Marcelo Adriel Moresco

Senior Mobile Engineer • Flutter • iOS • Android

Brazil, Santa Catarina • +55 (47) 9 9999-6440 • marcelomoresco0@gmail.com

[LinkedIn](#) • [GitHub](#)

SUMMARY

Senior Mobile Engineer with 4+ years of experience delivering high-performance, production-grade applications. Specialized in Flutter/Dart with deep expertise in native iOS (Swift) and Android (Kotlin). Proven track record working on apps with over 1 million active users, leading architectural decisions, optimizing CI/CD pipelines, integrating native platform APIs via MethodChannel/EventChannel, and shipping features across the full mobile lifecycle, from development to App Store and Google Play release.

TECHNICAL SKILLS

Mobile

Flutter / Dart • Swift / SwiftUI • Kotlin / Java • GoRouter • Provider • BLoC • MethodChannel • EventChannel • Flutter Web • Embedded Flutter Modules

Mobile Tooling & Distribution

App Store & Google Play releases • Fastlane • Bitrise • GitHub Actions • Firebase (Crashlytics, FCM, Remote Config, A/B Testing, App Check) • AppsFlyer • Deep Links • Salesforce SFMC • UXCam • TikTok Events Manager • Pluggy

Architecture & Quality

MVC • Clean Architecture • SOLID • Modular Architecture • Unit / Widget / Integration Tests • Memory Management • Rendering Performance • KYC & Fraud Prevention • Encryption Strategies

Backend & Cloud (supporting)

Node.js • Golang • Ruby on Rails • GraphQL • AWS (EC2, Lambda, Fargate, API Gateway) • Docker

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Wartiva Ltda — Austin, TX, USA (Remote) • 05/2025 – Present

Cybersecurity platform built with Flutter Web and Golang microservices.

- Led Flutter Web development using GoRouter and Provider over a customized MVC architecture.
- Built a macOS System Tray application that spawns a gRPC server to expose CoreWLAN data, delivering real-time wireless network diagnostics to the platform.
- Integrated GraphQL for client-server communication, reducing request latency by **5 seconds**.
- Applied memory management and rendering performance best practices across web platforms.
- Collaborated with backend team building Golang microservices and tooling.

Senior Software Engineer | Ilia Digital S.A — Brasília, Brazil • 07/2024 – 07/2025

Technical reference for mobile development on Flutter apps with 500k+ active users.

- Designed modular Flutter/Dart architectures and served as technical reference for the mobile team.
- Optimized CI/CD pipelines with Bitrise and GitHub Actions, **reducing deployment time by 70%**.
- Implemented deep link funnels via AppsFlyer, driving a **40% increase in user engagement**.
- Applied bridge pattern for native communication using MethodChannel and EventChannel.
- Strategic use of Firebase: Remote Config, A/B Testing, Crashlytics, FCM, App Check.
- Integrated strategic SDKs: Salesforce SFMC, Pluggy, TikTok Events Manager, UXCam.
- Developed KYC and fraud prevention features with encryption strategies.
- Managed end-to-end app releases for both Google Play and App Store.

Mid-level Software Engineer | Movtech Ltda — Jaraguá do Sul, Brazil • 08/2023 – 07/2024

Flutter SaaS mobile application with 100+ active B2B clients.

- Designed and implemented scalable modular architecture aligned with SOLID principles.
- Built OCR systems that **reduced manual data entry by 40%**, automating document-based workflows.
- Automated CI/CD with Fastlane, **reducing deployment time by 80%**.

- Implemented unit, widget, and integration tests ensuring code quality and reliability.
- Acted as technical mentor: code reviews, best practices, and solving complex architectural challenges.

Mid-level Full Stack Developer | Grupo Booz — Jaraguá do Sul, Brazil • 02/2022 – 05/2025 (Freelance)
Internal banking credit SaaS with Flutter Web frontend and Node.js backend.

- Designed the full system architecture using Flutter Web and Node.js following SOLID principles.
- Automated financial workflows integrating external financial APIs for banking credit note issuance.
- Integrated generative AI capabilities, **reducing repetitive administrative tasks by 20%**.
- Built cloud-native backend on AWS (EC2, Lambda, CloudWatch, API Gateway).

Junior Mobile Developer | Valemobi — São Paulo, Brazil • 09/2022 – 08/2023
Financial management app with 1M+ active users.

- Contributed to a Flutter application serving **over 1 million active users**.
- Gained hands-on experience embedding Flutter modules into existing native iOS and Android applications.

PROJECTS

- Skin Disease Detection App: **Built a mobile app** that connects to a custom-trained CNN model to identify skin conditions from images, delivering real-time diagnostic results directly on the device.
- `tiktok_events_sdk` ([pub.dev](#)): Flutter package for TikTok Pixel event tracking, reaching **over 6,000 downloads** on pub.dev.

EDUCATION & CERTIFICATIONS

Bachelor's Degree in Software Engineering — Centro Universitário Católica de Santa Catarina (2024)

AWS Certified Developer — In Progress (Expected 2025)

Flutter & Dart Mobile Development • Android App Development (Kotlin) • iOS Backfront Academy • Docker (2022–2023)