

ARTHUR MARINHO DOS PASSOS

Mobile Developer | Flutter & Dart

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SUMMARY

Mobile developer with 4 years of experience in Flutter and Dart, with 23 apps published and 5,500+ downloads on the App Store and Google Play for UNA-SUS/UFMA, the Brazilian Ministry of Health and the Ministry of Tourism. At Citiesoft, I delivered facial biometric identity verification, OAuth with Keycloak and device integrity checks (App Attest and Play Integrity) for an app with banking-grade security requirements, and built the CI pipeline that validates every PR in about 10 minutes. I apply Clean Architecture, MVVM, SOLID and BLoC/Cubit, with native integrations in Kotlin and Swift. M.Sc. in Computer Science.

EXPERIENCE

CITIESOFT

São Luís, Brazil

Mid-level Mobile Developer

Jan 2026 – Present

- Building a Flutter app with banking-grade security requirements (confidential project), currently in pre-launch with about 98% crash-free sessions on Crashlytics.
- Created the identity verification flow with document data extraction and face liveness (AWS Rekognition), integrated natively in Kotlin and Swift.
- Implemented OAuth with Keycloak, App Attest (iOS), Play Integrity (Android) and NFC card reading, using a Swift platform channel on iOS.
- Built the CI pipeline that validates every PR in about 10 minutes (formatting, static analysis, tests and minimum coverage) and automated store releases with Fastlane.
- As the most senior mobile developer on the team, I review PRs and set architecture standards, with the design system shipped as a private Git package.

UNA-SUS/UFMA

São Luís, Brazil (part-time)

Mobile Developer

Jan 2022 – Present

- Published 23 apps on the App Store and Google Play, with 5,500+ downloads, for UNA-SUS/UFMA, the Ministry of Health and the Ministry of Tourism.
- Built the Urgências Odontológicas app end to end (Flutter, MVVM with Provider), from requirements to release, reaching 631 downloads.
- Took over and fixed the MTUR Games codebase (React Native, Expo, TypeScript), 10 serious games for accessibility training in tourism, and shipped it to both stores.
- Integrated Firebase (Auth, Firestore, Crashlytics, Analytics, Cloud Messaging) for stability, metrics and push notifications.

NCA/UFMA

São Luís, Brazil

Full Stack Developer

Oct 2024 – Jan 2025

- Built the Next.js front end and Python back end of a platform that detects irregular connections on utility poles from geolocation and satellite imagery, for an infrastructure sector client.

ARGO & LOGLAB

São Luís, Brazil

Software Requirements Analyst

- Assigned to the São Luís Municipal Finance Department (SEMFAZ), gathering and documenting system requirements.

EDUCATION

M.Sc. in Computer Science | Federal University of Maranhão (UFMA) | 2025 | Research in HCI and UX

B.Sc. in Computer Science | Federal University of Maranhão (UFMA) | 2022

SKILLS

Mobile: Flutter, Dart, Kotlin, Swift, Jetpack Compose, SwiftUI, React Native, Expo, platform channels

Architecture & state: Clean Architecture, MVVM, SOLID, Clean Code, BLoC/Cubit, Provider, get_it, go_router, flavors

APIs & security: REST APIs, OAuth/Keycloak, App Attest, Play Integrity, facial biometrics (AWS Rekognition)

CI/CD & quality: Fastlane, Jenkins, Azure DevOps, Git, Firebase, static analysis, unit and widget testing, code review

Web: Next.js, TypeScript, Python

Languages: Portuguese (native), English (advanced, C1 EF SET)