Arthur Damous

Senior Android Engineer · Kotlin & Jetpack Compose

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Open to international roles · Remote or relocation

Summary

Senior Android Engineer with 6+ years building high-performance, scalable native apps, including Pix payment modules for a superapp used by millions. I turn complex product requirements into reliable, maintainable, user-centric mobile solutions with Kotlin, Jetpack Compose, MVVM, Clean Architecture and multi-module setups, Coroutines and Flow, Hilt/Dagger, and robust CI/CD with automated testing. I care about clean, testable code, raising the bar through code reviews and mentoring, and collaborating in agile cross-functional teams.

Experience

Zup Innovation · Fintech · Superapp payments

Senior Android Engineer · Dec 2024 – Present

- Engineered scalable payment modules for a high-traffic superapp handling Pix for millions of active users.
- Improved app performance and stability with Kotlin Coroutines, Flow and Clean Architecture standards.
- Accelerated release cycles by maintaining robust CI/CD pipelines on Jenkins.

Android Engineer III · Sep 2023 – Dec 2024

- Led the development of core native Android features, improving modularity and code reuse.
- Integrated high-security REST APIs for digital financial workflows with product and backend teams.
- Mentored junior engineers on Kotlin, MVVM architecture and unit testing best practices.

Triboo · Fintech · Digital accounts

Android Engineer · Dec 2022 – May 2023

- Architected secure, high-performance digital account payment flows with Kotlin, MVVM and Clean Architecture.
- Streamlined backend integration with cross-functional API teams, ensuring data integrity and security.
- Reduced latency and improved thread management across payment screens with Coroutines and Flow.

T10 · Logistics · Last-mile delivery

Android Engineer · Aug 2022 – Feb 2023

- Developed and maintained a mission-critical delivery driver app with Kotlin, MVVM and Firebase Firestore.
- Implemented reactive data streams with Coroutines and Flow to power real-time delivery tracking.
- Integrated Koin dependency injection to improve testability and the stability of the modular architecture.

Terras App Solutions · Agribusiness

Android Engineer II · Sep 2021 – Sep 2023

- Delivered native mobile solutions for the agribusiness sector with Java, Kotlin and modern Jetpack libraries.
- Migrated legacy MVP modules to MVVM and Clean Architecture, improving long-term maintainability.
- Automated deployments by setting up CI/CD workflows with GitLab and GitHub Actions.

Android Engineer I · Apr 2021 – Sep 2021

- Contributed to the development and maintenance of native Android apps in Kotlin and Java.
- Integrated RESTful APIs and local Room databases for offline data persistence.
- Took part in team code reviews and unit testing.

Pronto Digital Solutions · IT services
Android Developer · Oct 2020 – Apr 2021

- Built and maintained Android solutions for the IT market with Kotlin and Java.
- Integrated REST APIs with Retrofit and managed local storage with Room and SQLite.
- Kept apps healthy with crash reporting and analytics on Firebase Crashlytics and Analytics.

Freelance · Independent clients
Android Developer · Jan 2020 – Oct 2020

- Designed and delivered custom end-to-end Android apps for external clients.
- Owned the full lifecycle: UI implementation, API integration and Google Play Store releases.

Earlier IT experience

IT Analyst, TOTVS · Nov 2019 – Mar 2020

IT Support Analyst, Criminal and Forensic Centre · Sep 2019 – Jun 2020

IT Intern, Disk Solution · Sep 2017 – Mar 2018

Skills

Languages & UI: Kotlin, Java, Jetpack Compose, Compose Multiplatform, Android SDK

Architecture: MVVM, Clean Architecture, Multi-module, MVP migration

Async & DI: Coroutines, Flow, Hilt, Dagger, Koin

Data & networking: Retrofit, REST APIs, Room, SQLite, Firebase Firestore

Quality & delivery: Unit testing, Code review, Jenkins, GitLab CI, GitHub Actions, Play Store releases, Firebase Crashlytics, Firebase Analytics, Mentoring

Education

B.Sc. in Computer Science · 2016 – 2019
Cesupa – Centro Universitário do Estado do Pará

- 3rd place at the 1st Cesupa Hackathon

Languages

English: Fluent (C2) · Portuguese: Native