

# Lucas Barros

Mobile Developer

+ 55 83 996484068 • lucasfreitasdebarros@gmail.com

[LinkedIn](#) • [Github](#) • [Portfolio](#)

## Summary

Mobile Developer with 7+ years of experience specializing in Android and Flutter development. Expertise in creating efficient, user-friendly applications using Java, Kotlin, Flutter, and various modern frameworks. Proven ability to design and implement scalable, secure mobile solutions, optimize app performance, and collaborate effectively in cross-functional teams. Strong background in payment technologies, app architecture (MVVM), and real-time systems. Committed to continuous learning and improving development practices.

## Skills

**Proficient:** Git, Android Native (Java, Kotlin, RxJava, RxKotlin, Dagger, Jetpack Compose, Room), Flutter (Android, iOS, Windows, Web, BLoC, MobX, GetX, Provider)

**Intermediate:** SQL, SQL Server, SQLite, PostgreSQL, Python, C/C++

**Beginner:** Swift, Objective C

## Experience

### Mobile Software Engineer

**Phoebus Tecnologia** | João Pessoa/PB, Brazil | July 2021 - Present

- Developed and maintained mobile apps for payment terminals and Tap On Phone solutions.
- Integrated payment features using Coroutines, Content Providers, and Android SDK for efficient transaction processing.
- Ensured security compliance with EMV standards and various payment SDKs.
- Enhanced app performance with Jetpack Compose, Dagger for dependency injection.
- Introduced Test-Driven Development (TDD), improving product certification with Kotlin and Java unit tests.

**Key Technologies and Tools:** Java, Kotlin, Dagger, Jetpack Compose, Coroutines, Content Provider, Android SDK, EMV standards, Payment SDKs, TDD, Tap On Phone technology.

### Technical Lead

**Rapidinho** | Remote | March 2021 - December 2021

- Led the development of a Flutter-based mobility app with Firebase, GraphQL, Retrofit, and REST APIs.
- Implemented MVVM architecture with MobX, ensuring scalable and maintainable code.
- Integrated geolocation (Google Maps API) and payment (Stripe) APIs for enhanced UX.
- Managed full lifecycle of app development, ensuring smooth deployment on Android and iOS.

**Key Technologies and Tools:** Flutter, Firebase, Kotlin, Swift, GraphQL, Retrofit, REST APIs, MVVM architecture, MobX, Google Maps API, Stripe.

## Mobile Developer

**BWN Consultoria** | Remote | June 2018 – December 2020

- Developed mobile applications for self-care clinic appointments using Java and Material Design.
- Used MVVM architecture with RxJava and Content Provider for efficient data processing.
- Integrated REST APIs for seamless backend communication.
- Deployed apps to Google Play Store and performed backend maintenance with Java and Spring Boot.

**Key Technologies and Tools:** Java, Material Design, MVVM, Content Provider, RxJava, REST APIs, Git, Scrum, Spring Boot.

## Mobile Developer Freelancer

**Influ** | Remote | June 2020 – November 2020

- Built a social network mobile app for influencers using Flutter.
- Integrated GraphQL, Firebase, and real-time database features for smooth interaction and security.
- Implemented MVVM architecture with MobX for state management, enhancing app performance.

**Key Technologies and Tools:** Flutter, GraphQL, Firebase, MVVM architecture, MobX, real-time requests, GitLab.

## FullStack Developer

**Lumicon** | Remote | January 2017 – December 2017

- Co-developed a public lighting management system, creating a Java-based mobile app with MVVM architecture.
- Integrated Retrofit, Google Maps, and geolocation APIs for improved system functionality.
- **Key Technologies and Tools:** Java, MVVM, Retrofit, Google Maps APIs.

## Education

May 2013 - March 2017

**Federal Institute of Alagoas, Alagoas, Brazil** – Computer Technician

February 2018 - December 2024

**Federal University of Paraiba, Paraiba, Brazil** – Bachelor of Computer Engineering

## Languages

**Portuguese** - Native

**English** - Conversational