






# CAIQUE MARCONI

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## SUMMARY

With over 5 years of experience as a Mobile Developer, I spearheaded the development of scalable Flutter apps across fintech and IoT domains, including a platform that processes over \$2 million monthly and manages more than 1,000 connected vehicles. I achieved up to a 70% improvement in processing speed through architectural optimization and the use of TDD. Throughout my career, I've led development teams, trained junior developers, and accelerated delivery by implementing CI/CD pipelines and agile best practices.

## SKILLS

**Programming & Frameworks:** Flutter, Dart, TypeScript, GraphQL, RESTful APIs, Object-Oriented Programming, Clean Architecture, Unit Testing, Integration Testing, MVVM, Bloc.

**Cloud & Backend:** AWS, Lambda, Firebase, Cloud Functions, CI/CD Pipelines.

**Development & Tools:** Git, Agile Methodologies – Scrum, SOLID Principles, Design Patterns, Build & Deployment Pipelines, Code Review & Mentoring.

**App Features & UX/UI:** Internationalization, Push Notifications, Advanced State Management (MobX, BLOC, Triple), Figma, Design System.

## EXPERIENCE

### Mobile Engineer

#### Senior Sistemas

December 2024 - Present

- Led the architectural integration between a legacy React Native application and a modern Flutter module using MethodChannel, enabling real-time communication, shared authentication flow, and feature reuse across platforms for apps totaling over 1.5 million downloads.
- Developed and maintained Firebase-based solutions for analytics, messaging, and remote config, ensuring scalable, cloud-first architecture capable of ensuring high performance for over 100,000 monthly active sessions.
- Delivered 10+ internal technical workshops on Clean Architecture, TDD, and state management in Flutter, significantly reducing onboarding ramp-up time by 40% and increasing mobile delivery velocity by 25%.
- Mentored and upskilled over 20 engineers in mobile best practices, architectural patterns, and testing strategies, promoting a culture of quality and continuous improvement across both Flutter and React teams.
- Worked closely with cross-functional teams (UX, QA, Backend, and Product) to define technical requirements, streamline releases, and ensure consistency across multiple mobile apps and codebases.

### Senior Mobile Engineer

#### ArrobaPEC

June 2021 - December 2024

- Executed core digital banking features (PIX instant payments, TED transfers, digital account creation) that handled over \$2M in monthly transactions.
- Redesigned the application's architecture and migrated critical services to AWS Lambda, eliminating critical vulnerabilities and boosting security by 300% while maintaining high scalability and performance.
- Managed and mentored a team of 8 developers, raising code quality standards and fostering a culture of continuous learning.
- Improved transaction processing by 70% through architectural optimization.
- Built secure in-app payment features enabling over \$2M+ in transactions monthly.

Senior Mobile Engineer - Freelancer

Rastreamento BSB

May 2024 - December 2024

- Engineered a real-time vehicle tracking application with Flutter, Firebase, and Google Maps API, facilitating live geolocation and remote control for 1,000+ vehicles across 200+ client fleets, improving fleet coordination.
- Applied geofencing, route history, and driving behavior alerts with real-time push notifications, increasing client fleet safety scores by 35% across 200+ vehicle fleets.
- Enhanced mobile application performance by integrating advanced caching mechanisms and optimizing API calls, resulting in a marked improvement in user engagement and app responsiveness.

Senior Mobile Engineer - Freelancer

Saga Home

April 2024 - November 2024

- Built a Flutter-based smart lock management app for Saga Home, integrating the TTLock SDK to manage 2,000+ smart locks across residential and hospitality properties, enabling secure remote access and monitoring.
- Delivered a smart lock app managing 2,000+ devices across 3 hotel chains and 200+ residences, supporting 5,000+ password generations monthly and improving access reliability by 99.8%.

EDUCATION

Bachelor's Degree in Computer Science

UNIP - Universidade Paulista

2020

CERTIFICATIONS

- Unit and Integration Testing
- Mobx
- Triple
- Clean Dart
- Hasura GraphQL
- Dart Language + REST APIs
- Offline First
- Node.js with REST APIs and MongoDB
- BLoC
- State Management