

Mauricio Andrés Pacheco Pérez

Mobile Tech Lead | Senior Mobile Engineer — Flutter · Kotlin · Swift

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PROFESSIONAL SUMMARY

Mobile Tech Lead and Senior Mobile Engineer with 5+ years building Flutter applications for fintech and digital banking used by millions. Built Creditop's app from the ground up and contributed to Bancolombia's Bre-B payment keys, Colombia's national instant-payments system. Strong in Clean Architecture, native integration (Kotlin/Swift), CI/CD, and AI-first development. Electronic Engineer, graduated with honors.

PROFESSIONAL EXPERIENCE

Creditop

Bogotá, Colombia (Remote)

Mobile Tech Lead

Oct 2025 – Present

- Built the Creditop mobile app from scratch to public launch, defining the architecture (Flutter, Clean Architecture, MVVM) and native integrations in Kotlin/Swift.
- Established CI/CD pipelines with unit and widget testing, enabling continuous releases on the App Store and Google Play.
- Led an AI-First workflow, leveraging AI-assisted development to accelerate delivery while owning technical judgment and architecture decisions.
- Drove product, design, and stakeholder decisions across clients and vendors, prioritizing the roadmap with metrics.
- Delivered an app stable from day one, with zero downtime during the first hours of real traffic.

Capgemini

Medellín, Colombia (Remote)

Senior Mobile Flutter Developer

Jun 2024 – Dec 2025

- Developed the mobile front end of Bancolombia's payment-keys pilot (Bre-B), the module that onboarded 9M+ bank clients to Colombia's Central Bank instant-payments system (105M+ keys nationwide; Bancolombia ~37% of transactions).
- Integrated synchronous and asynchronous APIs for secure transactions across high-availability critical flows.
- Implemented Clean Architecture and reactive patterns, reducing load times and resource consumption by 25%.
- Built reusable Flutter widgets on the corporate design system and raised test coverage to 90% through unit, widget, and performance testing in CI/CD (GitLab CI, Azure DevOps).

Bop Solutions LLC

Miami, FL, USA (Remote)

Flutter Developer

Apr 2023 – Jun 2024

- Developed mobile and web apps with Flutter for digital-health clients in the U.S. and Colombia (Tutti Saúde, Videoconsulta Compensar).
- Integrated multiple backend APIs (authentication, user registration) and multi-language support, improving data-load efficiency.
- Implemented a push-notification system with the backend team, improving user retention.
- Published and maintained apps on the App Store and Google Play.

Globant

Colombia (Remote)

Mobile Flutter Developer (Internship)

Feb 2022 – Aug 2022

- Wrote unit, widget, and functional tests to ensure the quality and stability of a production Flutter app.
- Delivered new visual features and UX improvements; managed state with BLoC and Provider.
- Collaborated through pull requests and code reviews across development and support teams.

Freelance

Colombia (Remote)

Mobile Flutter Developer

Feb 2021 – Nov 2021

- Delivered cross-platform apps with Flutter/Dart for e-commerce and retail clients.
- Integrated native modules in Android (Kotlin) and iOS (Swift) for payments and camera.
- Automated unit and widget test coverage in CI/CD pipelines (GitLab CI).

TECHNICAL SKILLS

Languages: Dart, Kotlin, Swift, JavaScript, Java, C/C++

Mobile: Flutter, native Android, native iOS, cross-platform development, Material Design

Architecture: Clean Architecture, MVVM, SOLID, BLoC, Provider, GetX, REST APIs

Quality & DevOps: Unit/Widget/Performance testing, CI/CD, GitLab CI, Azure DevOps, Git, Firebase

AI: AI-assisted development, prompt engineering, LLM integration

Leadership & Domain: Technical leadership, product management, stakeholder management, Agile/Scrum, fintech, digital banking, payment systems

EDUCATION

Universidad del Norte

Barranquilla, Colombia

Electronic Engineering

2016 – 2022

Graduated with Honors — Scientific Merit Award (best undergraduate thesis)

SENA (National Learning Service)

Colombia

Information Systems Analyst & Developer

2020 – 2022

LANGUAGES

Spanish (native) · English (professional working proficiency, B2)