

Jose Brandon Vargas Mariñelarena

Senior Android Engineer | Kotlin, Jetpack Compose | iOS (Swift, SwiftUI) | React & Next.js

Chihuahua, Mexico (UTC-6) | Open to remote roles, full-time or contract

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PROFESSIONAL SUMMARY

Senior Android Engineer with 10+ years shipping mobile apps in banking, healthcare, and entertainment for U.S. Bank, Disney, Siemens, and CVS. Kotlin-first, with deep experience in Jetpack Compose, MVVM, Coroutines and Flow, automated testing, and accessibility. Has owned regulated, customer-critical features end to end on the U.S. Bank Mobile App, ranked No. 1 for mobile banking by Keynova Group, and contributed to its iOS app in Swift and SwiftUI. Introduced an AI-assisted development workflow with Claude and MCP servers for Jira, Figma, and GitLab that cut cycle time by ~30%. Founder of a Next.js/React SaaS with 800+ users and 40 paying customers. Bilingual in English and Spanish.

TECHNICAL SKILLS

Languages: Kotlin, Java, Swift, TypeScript, JavaScript, Python

Android: Android SDK, Jetpack Compose, Material 3, Coroutines, Kotlin Flow / StateFlow, MVVM, Clean Architecture, Hilt, Room, Navigation, Paging 3, Retrofit, RxJava, RxKotlin, Gradle (Kotlin DSL), Android TV (Leanback), Fire TV, BLE

iOS: Swift, SwiftUI, Xcode

Web & Cross-Platform: React, Next.js, Supabase, Stripe, Three.js, REST APIs, GraphQL, Kotlin Multiplatform (KMP)

AI-Assisted Development: Claude Code, Claude (Opus, Sonnet), MCP (Model Context Protocol), LLM-assisted programming

Testing & Quality: JUnit, Unit Testing, Test Coverage, Code Reviews

Practices: Feature Flags / Kill Switches, Accessibility (TalkBack), Privacy & Security Reviews (HIPAA), Analytics & Observability, CI/CD

Tools: Android Studio, Xcode, VS Code, Git, GitLab, Jenkins, Jira, Figma, Firebase, Charles Proxy, Google Cloud Vision API

PROFESSIONAL EXPERIENCE

Software Engineer (Android) | U.S. Bank

Oct 2022 – Sep 2026 | Remote

- Owned core features of the U.S. Bank Mobile App, used by millions of customers and ranked No. 1 for mobile banking by Keynova Group: Account Dashboard, Smart Rewards dashboard and in-app tab, Account Management, and Overdraft Forgiveness.
- Delivered the Smart Rewards relaunch and new rewards tab in ~50% of the estimated time with 0 production defects, despite ongoing backend instability.
- Built the Smart Rewards Dashboard and Overdraft Forgiveness flow end to end from scratch, covering UI, business logic, validation, and backend integration.
- Designed feature flags and kill switches targeting app version, date, or customer cohort; used them in production to hold back an unstable Smart Rewards v1 rollout, avoiding legal and customer risk.
- Introduced an AI-assisted SDLC workflow adopted by 2+ teammates, cutting end-to-end cycle time by ~30%: set up MCP servers for Jira, Figma, and GitLab and matched Claude models to each task (Opus for ticket analysis and planning, Sonnet for Figma translation and implementation).
- Contributed to the U.S. Bank iOS app as a secondary engineer, shipping bug fixes in Swift and SwiftUI.
- Raised unit test coverage from ~32% to ~70% and restored 400+ broken tests after the Robolectric removal by refactoring test infrastructure and mock lifecycle handling.
- Served as primary Android point of contact for teams of 2–3 Android engineers, including offshore developers, providing technical direction, code reviews, and unblocking support.
- Drove accessibility compliance (TalkBack labels, focus order) to meet regulatory requirements, and integrated analytics that met privacy requirements.

Software Engineer (Android) | Encora (Client: EOG Resources)

May 2021 – Sep 2022 | Remote

- Architected shared Android libraries (configurable Compose forms, in-app tutorials) adopted by 3 internal apps, reducing duplicated code.
- Established Kotlin, Jetpack Compose, MVVM, Coroutines, and Hilt patterns, plus testing and build standards, during early Android platform adoption.

- Mentored 2 engineers, a .NET developer transitioning to Android and a junior Android developer, on fundamentals and resolving production bugs.

Software Engineer (Android) | AllianceIT (Client: CVS Health)

Jan 2021 – Apr 2021 | Remote | Contract

- Audited privacy and security across multiple Android apps in a HIPAA-regulated healthcare environment.
- Uncovered HIPAA-sensitive data leaks in third-party tracking SDKs (Facebook, Adobe) using Charles Proxy and runtime debugging; supplied evidence to legal and compliance teams that drove fixes.

Software Engineer (Android) | Encora (Client: Humanics / Siemens)

Aug 2019 – Dec 2020 | Remote

- Built a staff scheduling app for doctors and nurses, taken to a pilot at a U.S. hospital.
- Migrated 100% of the codebase from Java to Kotlin, improving maintainability and developer productivity.
- Created custom calendar views and calendar deep links, and integrated GraphQL for more efficient data retrieval.

Software Engineer (Android) | Globant (Client: Disney)

May 2017 – Jul 2019 | Mexico City

- Contributed to consumer apps including Play Disney Parks (1M+ downloads) and the Disney NOW streaming app for Android TV and Fire TV, owning TV navigation, profile creation, and video playback with Disney's in-house player.
- Led Android implementation of a new Star Wars attraction experience in Play Disney Parks, including asset integration, coordinate mapping, and web-based mini-games.
- Engineered interactive park map UI (large image canvases, animations, coordinate-based layouts) and location-aware features using BLE beacons and GPS.
- Integrated the Apple Music SDK for Android as an early adopter, and built Leanback TV animations optimized for devices with limited memory.

Software Engineer (Android) | Grupo Salinas (Banco Azteca)

Jan 2016 – Dec 2016 | Mexico

- Built OCR features in the Banco Azteca Android app with Google Cloud Vision API: ID card (INE/IFE) and proof-of-address capture for customer onboarding, plus check scanning.
- Integrated REST APIs and built Material Design UIs for the banking app.

INDEPENDENT PROJECTS

Cake Topper Generator (caketoppergenerator.com) | Founder & Developer

Mar 2026 – Present

- Launched a SaaS web app that generates custom cake toppers with a live 3D preview and exports SVG, DXF, STL, and 3MF files.
- Grew to 800+ users and 40 paying customers worldwide since launch, localized in 6 languages (English, Spanish, German, French, Portuguese, Polish).
- Designed and implemented 3-tier pricing (Free, Hobbyist, Commercial) with Stripe, supporting monthly and lifetime plans.
- Stack: Next.js, React, Supabase (auth, database), Stripe (billing), Three.js.

Digital Menu Platform | Freelance

2026

- Developing a mobile-first restaurant menu web app with WhatsApp order checkout and an owner CMS for items and combos, for a first restaurant client.

VeganCheck | React Web App

2026

- Shipped a barcode-scanning web app that checks whether food products are vegan using the Open Food Facts API.

EDUCATION

Bachelor of Engineering, Computer Engineering | Universidad Nacional Autónoma de México (UNAM) | 2011 – 2015

LANGUAGES

Spanish (Native), English (Full professional proficiency)