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PROFESSIONAL PROFILE

Native Android Developer specialized in Kotlin and Jetpack Compose. I have created my own applications applying MVVM and Clean Architecture, Wear OS synchronization, API consumption, and local persistence, with a focus on UX/UI, performance, and maintainability.

TECHNICAL SKILLS

Kotlin · Jetpack Compose · MVVM · Retrofit · Room · Supabase · Firebase · Wear OS · Git · Figma

PROJECT EXPERIENCE

Split Bill AI - Android App

Feb 2026

In Development. Main project oriented towards intelligent expense splitting between people with AI.

- Designed and developed a mobile application for intelligent expense splitting between people.
- Implemented modern interfaces with Jetpack Compose following UX/UI principles.
- Integrated authentication with Supabase, camera, and quick access (widgets, shortcuts, and tiles).
- Applied progressive testing and Firebase Analytics to monitor application use and status.

TrainLoop - Android App + Wear OS Companion App

Dec 2025 - Jan 2026

Mobile and Wear OS Companion App oriented towards physical exercise.

- Designed and developed a mobile and Wear OS application oriented towards physical exercise.
- Synchronized data between mobile app and Wear OS using Data Layer.
- Implemented automatic reconnection handling for Bluetooth signal loss.
- Ensured a reliable and fluid experience within the mobile and wearable ecosystem.

Construction Material Tracker - Android App

Jun 2025 - Nov 2025

Application for people in the construction sector who manage multiple projects in parallel.

- Designed and developed an application for material management across multiple construction projects.
- Implemented a complete CRUD for project-based material administration.
- Automated quantity calculation and PDF list exportation.
- Integrated camera, widgets, shortcuts, and light/dark mode support, targeting a real-world sector problem.

EDUCATION

Instituto Tecnológico de Puebla

B.S. in Information Technology Engineering

Puebla, Mexico

Expected: January 2027