

MOHAMMAD ESTAKI

Android Developer

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SUMMARY

Android Developer with 3 years of experience building enterprise-grade apps used in production across 10+ companies nationwide. I care about clean architecture, writing code that lasts, and taking full ownership of what I ship — from design to deployment. I'm the kind of developer who asks why before how, pushes back on bad tradeoffs, and doesn't stop at "it works." Currently growing toward a Senior role with increasing involvement in technical decisions, architecture reviews, and cross-team problem solving.

WORK EXPERIENCE

Yalda Day Espadana (Farazman Team) Isfahan, Iran
Mid Android Developer

05/2023 – Present (3 yrs 2 mos)

- One of 4 Android developers owning 6 production enterprise apps serving 10+ electricity distribution companies nationwide — each of us ran multiple apps end-to-end, from architecture to production, on devices working in low or no connectivity environments.
- Designed the **core architecture** for all 6 apps — a **multi-module MVI/MVVM** setup with 10+ build flavors that let the team move fast without breaking things across apps.
- Migrated legacy **Java/SQLite** codebase to **Kotlin + Room + Coroutines** — replaced blocking threads with structured concurrency, which brought response times down by ~30% and pushed the crash-free rate above 99% in production.
- Built an offline-first sync engine for field devices with bad or no connectivity — designed the conflict-resolution logic and data flow from scratch, cutting API errors by 40% based on backend logs.
- **Built a shared internal AAR UI Toolkit** with RTL-first **custom views** used across all 6 apps — cut redundant UI code and made building new screens faster for the whole team.
- Worked closely with the backend team on API design — regularly caught data modeling issues before development started, which saved a lot of back-and-forth mid-sprint.

CORE SKILLS

- **Languages:** Kotlin · Java · Coroutines · Flow · RxJava
- **Architecture:** Clean Architecture · MVVM · MVI · Multi-Module · Modularization · OOP · SOLID
- **UI & Jetpack:** Jetpack Compose · ViewBinding · DataBinding · Custom Views · RTL/Persian UI · Material Design 3
- **Data & Network:** Room · DataStore · Retrofit · OkHttp · SQLite · Offline-first sync
- **Maps:** Google Maps SDK · OpenStreetMap (OSMDroid)
- **DI:** Hilt · Koin
- **Testing:** JUnit · Espresso · MockK · Turbine
- **Performance:** CPU/memory profiling · leak detection · startup optimization
- **Tools & DevOps:** Git · GitFlow · GitHub · GitLab · Android Studio · R8/ProGuard
- **Also familiar with:** Flutter/Dart · Firebase (Analytics, Crashlytics) · Docker

PROJECTS

Monify — Personal Finance Tracker · Ongoing

- Automatically parses Iranian bank SMS messages to categorize income and expenses — without any official bank API. The core challenge was building a robust, regex-based parser that handles inconsistent and constantly-changing SMS formats across 10+ different banks reliably.
- Fully built with Jetpack Compose — the entire UI layer was written in Compose from scratch, including custom charts, animated components, and a Material Design 3 theming system with Persian/RTL support.

Stack: Kotlin · Jetpack Compose · Clean Architecture, MVI · Modularization · Hilt · Room · Material Design 3

NikeStore Clone — E-commerce · Jan–Apr 2023

- Built a full e-commerce app to deeply explore reactive programming — specifically comparing RxJava vs Coroutines/Flow in a real product context with async data streams, pagination, and cart state management.

Stack: Kotlin · MVVM · Room · Retrofit · RxJava · Koin

EDUCATION

Bachelor Degree 2016–2020
Mohajer Technical University

COURSES

Android Expert Course 2020–2021
7learn.com

LANGUAGES

Persian — Native

English — Intermediate (reading & written communication)