

# Ethan Martinez

*Software Engineer*

+1 (555) 789-3210 | ethan.martinez.droid@email.com | linkedin.com/in/ethanmartinez | Mountain View, CA

## **SUMMARY**

A skilled Software Engineer with 4 years of professional experience focused on native Android development. Proficient in Kotlin and Java, with a strong understanding of modern Android architecture components. Committed to writing clean, testable code and building high-quality, user-centric mobile applications that scale.

## **STRENGTHS**

**\*\*Native Android Development:\*\*** Proficient in Kotlin, Java, and modern Android libraries including Jetpack Compose, Coroutines, and Dagger/Hilt for dependency injection.

**\*\*Modern Architecture:\*\*** Strong advocate for modern Android architecture patterns like MVVM, ensuring a clean separation of concerns and a scalable codebase.

**\*\*Code Quality & Testing:\*\*** Dedicated to writing high-quality code and ensuring its reliability through comprehensive unit and instrumentation testing.

**\*\*Cross-Functional Collaboration:\*\*** Works effectively with product managers, designers, and backend engineers to deliver cohesive and polished product experiences.

## **TECHNICAL SKILLS**

**\*\*Languages:\*\*** Kotlin, Java, SQL, Python

**\*\*Frameworks & Platforms:\*\*** Android SDK, Jetpack Compose, Coroutines, Flow, Dagger/Hilt, Retrofit

**\*\*Tools & Methodologies:\*\*** Android Studio, Gradle, Git, Agile, Unit & Instrumentation Testing (JUnit, Espresso)

**\*\*Databases:\*\*** Room, SQLite, Firebase Realtime Database

## **PROFESSIONAL EXPERIENCE**

**\*\*Android Engineer\*\*** | TechForward Solutions | August 2021 - Present

- Develops and maintains a flagship e-commerce application for Android, contributing to features that process thousands of transactions daily.

- Led the migration of several legacy UI components from XML layouts to Jetpack Compose, improving developer productivity and UI performance.

- Implemented a repository pattern using Kotlin Coroutines and Flow to manage asynchronous data operations from network and local database sources.

- Participated in architectural discussions to improve the app's modularity and build a more scalable and maintainable codebase.

- Debugged and resolved complex bugs, including memory leaks and performance issues, improving the app's crash-free user rate to 99.9%.

## **PROJECTS**

**\*\*Movie Tracker Android App:\*\*** Built a personal Android application using Kotlin and the MVVM architecture. The app fetches movie data from a public API (TMDB), displays it in a clean UI built with Jetpack Compose, and allows users to save movies to a local Room database.

## **EDUCATION**

