

EXPERIENCE

Google (Contractor)

Senior Android Engineer

Mountain View, CA

March 2023 - Present

- Built Fitbit social platform features, collaborating with cross-functional teams.
- Wrote detailed technical documents for new architecture and provided performance recommendations.
- Scaled UI design library using Jetpack Compose and addressed platform-specific issues.
- Wrote UI tests using Espresso to provide functional UI testing for Compose functions
- Mentored engineers, providing guidance on best practices and development methodologies.
- Actively participated in team meetings and discussions, sharing knowledge and contributing to team goals.

Liftoff

Senior Android Engineer

Redwood City, CA

Oct 2020 - Feb 2023

- As a contributor to the Monetize SDK, authored code used for thousands of app publishers to bring in a revenue funnel.
- Worked cross functionally to ensure stability to the SDK and ensure customers can trust our product.
- Used modern app development practices to build test apps to develop SDK critical paths.
- Designed and delivered critical product features amidst changing regulatory and market challenges.
- Led discussions on SDK Kotlin rewrite and creating new abstractions to cleanly represent core flows.
- Authored and maintained CI pipelines to improve release cadence and quality.

Evite

Android Engineer

Los Angeles, CA

May 2019 - October 2020

- Modularized the codebase to improve build time and support dynamic instant apps.
- Refactored legacy code to use modern Android architecture for improved maintainability.
- Improved app performance by identifying and resolving memory leaks.
- Implemented smoke test automation to accelerate release cadence.
- Built caching system using Room to enhance network efficiency and UI performance.
- Introduced A/B testing strategy for user retention assessment.

UNUM

Android Engineer

Los Angeles, CA

April 2018 - May 2019

- Overhauled unstable, crash-prone legacy code and introduced modern development practices.
- Led strategy for rewriting major screens with CLEAN architecture, MVVM and improved app stability.
- Designed goals related to development targets and communicated challenges and new processes with the leadership to help foster the engineering culture at an early stage startup.
- Adopted RxJava and WorkManager to offload work off the main app process.
- Monitored through Crashlytics to generate stability reports for visibility on crash rates.

PROJECTS

- **Vusion:** 2nd place at AWS Hack Til Dawn hackathon. Android app that used Amazon's Kinesis service to stream and process videos from different Android clients. The backend would then process the video and stitch them into a montage of the highlights of the night to be sent back to the clients.
- **Autism Assist:** 1st place at MHacks. Google Glass application that gives real time feedback during a conversation to communicate how attentive and engaged the other party is.

PROGRAMMING SKILLS

- **Languages:** Kotlin, Java, Python, Node.js, HTML React.js, R, Swift
- **Technologies:** Kotlin, Firebase, Best Unit Testing practices, Coroutines, Jetpack Compose, MVVM, Room, Flutter, Protobuf