Daniel Perez

doperez1997@gmail.com — (479) 586-2803 — Rogers, AR — danielPerez97

Experience

Android Engineer *October 2026 - Present*

Sam's Club, Hybrid

- Working on the Club Membership team to show members the financial value they save with their membership in the Sam's Club mobile Android app.

Lead Android Engineer *November 2023 - October 2026*

Tesseract Ventures, Remote

- Lead the development of an offline-first application for documenting the progress of different structures and zones on a construction site.
- Responsible for an Access Control application for construction sites, written with gRPC and Protocol Buffers.
- Created an Android application plugin for commanding drones to map pins on the fly or predetermined routes and locations.
- Used Kotlin, Metro Dependency Injection, OkHttp, Retrofit, Jetpack Compose throughout development.
- Created internal Gradle Plugins to simplify development and ensure consistency for team members working throughout our Android codebase.

Android Engineer *September 2021 - June 2023*

Govenda, Remote

- Configured a hybrid architecture in the Android applications user interface layer, integrating Jetpack Compose with XML Views to accelerate development through a company-wide redesign while supporting phone and tablet screen sizes.
- Set up Dagger 2 to facilitate a Model-View-ViewModel architecture, enhancing feature development, maintenance, and collaboration for engineers.
- Utilized testing tools such as Robolectric and JUnit to identify regressions, ensuring a stable and reliable application for users.
- Employed Kotlin Coroutines, Flows, and the Repository pattern in the app's business layer to manage network data and SQLite data, streamlining integration with the user interface.
- Configured a developer-only flavor of the application to improve debugging and development without compromising the user experience and application security.

Systems Engineer *May 2020 - September 2021*

Walmart, Remote

- Received a department award for constructing an internal PowerShell module and application that saved the team over 40 hours weekly by automating diagnostics for customer issues.
- Served as a Subject Matter Expert for Payment Card Industry automation projects by submitting project requirements and collaborating with an offshore development team.
- Automated bulk customer ticket processing, saving hours of manual work for the team and myself.

Achievements

- 9+ years of experience with Kotlin and Java.
- Strong familiarity with popular Android libraries including Dagger 2/Metro, OkHttp, Retrofit, Moshi, RxJava, Okio, SQLDelight, and SQLCipher.
- 9 years of experience with Gradle, using it for Android, Java, and Kotlin Multiplatform projects.
- Developer of Pourover, a Kotlin Multiplatform app to assist with making pour-over coffee by calculating grams and grams/pour needed to achieve a desired sweetness and strength.

Education

University of Arkansas *August 2016 - May 2020*
B.S., Computer Science