Alejandro Lopez

Software Engineer

📞 +1-602-332-9801
✉ alejandrolopezdev@gmail.com

in /alex-lopez
○ /alex-lopez
🌐 lopezalex.com

🎓 Education

Arizona State University   2016 – 2020
BS Information Technology   *Tempe, AZ*

◔ Experience

Apisero   March 2021 – Present
Software Engineer   *Remote*

> Developed Mulesoft (XML) flows to integrate and transform data to and from multiple sources including Databases, Salesforce, and Amazon Web Services for clients

> Designed and developed REST API's to provide an interface to various third-party and internal client applications. These endpoints resulted in an average of 30% decrease in development time across multiple projects

> Environment: Anypoint Studio, VS Code, Runtime Manager, Github, AWS, Postman

⚗ Projects

Foody   Google Play , GitHub

> Fully functional Food Recipes Android App that uses open source Spoonacular API

> Developed in Kotlin and implemented using MVVM architecture pattern. Uses ROOM Database for local offline caching, saving favorite recipes, and saving food jokes from API

> Implemented data binding, which reduced code in Fragments and Activities, and used BindingAdapters to navigate to other fragments with arguments

> Other features/libraries used: RecyclerView, Retrofit, Kotlin Coroutines, LiveData, ViewPager2, Dagger-Hilt(Dependency injection), and Light/Dark Mode

Note Keep   Google Play , GitHub

> A clean and simple Note Keeping Android App, developed using Kotlin and MVVM architecture pattern

> Followed principal of single activity and multiple fragments, used Navigation Component, and used Safe Args to pass data between fragments. Uses ROOM Database and SQL Queries for CRUD operations, and custom search/sort queries and displays data in RecyclerView

> Other features/libraries used: Data Binding, LiveData, Kotlin Coroutines, Swipe To Delete, Undo, and Light/Dark Mode

Cinema Pro   Google Play , GitHub

> A movie/show information Android App developed in Java. UI takes inspiration from popular streaming apps

> App uses The Movie Database API (TMDB), MVVM architecture, and SliderRecyclerViews to display data from different API calls in each slider. App also features search function that sends a query to the API and returns results

> Other features/libraries used: LiveData, Retrofit, Runnables, Parcelable

⚙ Skills

Languages Kotlin, XML, SQL, Java, Dataweave

Libraries and Frameworks MVVM, ROOM, RecyclerView, Retrofit, Coroutines, LiveData, Android Layouts, JSON, Mule 4, Mulesoft

Tools Android Studio, Github, IntelliJ, Jira, Mac, Windows, Anypoint Studio