Alfredo Hernández Rodríguez

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Experienced Mobile and Backend Developer with comprehensive expertise in Android Native (**Java, Kotlin**), **Android Jetpack, Unit Testing, and Flutter.** Proficient in backend development using **Golang, Python and JS**, creating scalable **REST and gRPC services**, and managing both **SQL (MySQL, Postgres) and NoSQL (MongoDB)** databases. Software Engineering graduate from Universidad Politécnica de Pachuca, recognized for a proactive attitude, strong teamwork skills, focus on requirements gathering, and a commitment to writing high-quality, performance-optimized code.

Work

Sr Software Engineer 99minutos.com | Mexico city | 2021 - actual

Led requirements gathering with clients, managed the deployment of applications, and designed, developed, and migrated multiple high-impact projects across Latin America, leveraging technologies such as Golang, Python, Kotlin, and Android Native.

Android Developer 99minutos.com | Mexico city | 2018 - 2021

Designed and developed the 99 Minutos application, operational in Mexico, Colombia, Chile, and Peru, utilizing Java, Kotlin, MVP, MVVM, Retrofit, Coroutines, ROOM, Dagger HILT, Navigation, WorkManager, Mapbox, Google Maps, Firebase, and a multi-module architecture. Created a registration module for delivery personnel using Flutter. Developed the Containers application with Kotlin, MVVM, Apollo, and Navigation. Built a customer support bot using JavaScript and Dialogflow. Deployed backend services with Python and Flask and implemented frontend modules with ReactJS.

Android Developer CDINTE | Pachuca city | 2017 - 2018

Professional internship as a mobile application developer for the company CDINTE, located in Pachuca Hgo. The development of a project BuscandoAndo was carried out, which consists of an application for the Android operating system that allows you to find a large number of services according to your daily needs, offering you notifications of their offers, visualization of their location and how to get there from your current location and contact the establishment either by telephone or directly on their social network.

Education

Software Engineer Universidad Politécnica de Pachuca. (2014 - 2017) | Basic Design Course of Interfaces with Android Studio (Platzi) | Basics Course Android techniques (Platzi) | Backend course with NestJS (Platzi) | NestJS Course: Modular Programming (Platzi) | Flutter: Your guide complete development for IOS and Android (Udemy) | Dagger 2 Course injection of Dependencies for Android (Udemy) | Professional Course Python (Platzi).

Personal Projects

DirectWhats Android application to send messages on WhatsApp and WhatsApp Business without the need to save the number in contacts. (https://bit.ly/3s55aiA)
ModToast Android library to generate floating messages in the interface of an application. (https://bit.ly/3s9Cl4F)
EasyCameraAndGallery Android library to easily implement the camera and gallery of the device. (https://bit.ly/3s9Cl4F)