Ralph Dugue

Software Engineer

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TECHNICAL SKILLS

Software engineer with over 9 years of experience. Experienced with Android development using both Kotlin and Java. Web development experience with Python, and Javascript. Proficient with both AWS and GCP.

EXPERIENCE

Mobile Engineer - ActiveCampaign, LLC, Remote

MAR 2021 - OCT 2022

- Worked on a team to develop several features for an Android mobile CRM application using MVI, and Clean Architecture.
- Refactored the mobile CRM application to use Dagger Hilt for dependency injection to reduce boilerplate code and eliminate bugs.
- Lead on refactoring the data-layer of the mobile CRM application to follow Clean Architecture more closely using Retrofit for network calls and Room/SQLDelight for local caching.
- Managed production release of new versions of the Android application to new users using Gitlab, AWS and Firebase.

Android Engineer - FanReach, LLC, Remote

APRIL 2018 - FEB 2021

- Worked on a team to develop a platform to build and maintain several Android applications for professional sports organizations and venues.
- Developed video and audio media players to integrate into several apps using ExoPlayer Android library.
- Developed a chat client powered by artificial intelligence, that is integrated in several apps using Kotlin and coroutines.
- Developed an events calendar that is integrated into several apps.

Software Engineer - Self-Employed, Remote

MARCH 2017 - APRIL 2018

- Consulted with several clients on leveraging serverless architectures through AWS Lambda and API Gateway as application backends.
- Developed MVP Vuejs human resources application.

Software Developer - Telco Equipment & Support Services, Remote

AUGUST 2013 - MARCH 2017

- Developed several proof-of-concept Android applications.
- Modified and developed modules for the Odoo enterprise management platform(Python framework).
- Developed web application to track employee leave time using Python for backend and jQuey front-end. Setup web hosting for application using GCP App Engine.

EDUCATION

BS, Computer Science - Computer Criminology - Florida State University, Tallahassee, FL

CERTIFICATIONS

AWS Certified Developer - Associate - Amazon Web Services

Software Product Management Specialization - Coursera

Full Stack Web Development - Free Code Camp