

FRANK HARPER, frank.harper@gmail.com

Mobile software engineer with a keen sense of UX, and Product


SUMMARY

I thrive in roles where


- Mobile apps are essential to the success of the business
- I am given high level goals, and opportunities to collaborate with stakeholders to create solutions that have a high ROI
- I can leverage my expertise in mobile app development to provide a significant positive impact on the business

NOTABLE ACCOMPLISHMENTS


Android and Flutter apps totalling **6M+ downloads**

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Android - Lead developer of the Ziprecruiter Job Seeker Android app

 - Top rated job seeker in the USA Play Store (5M+ downloads)
 - ~200K ratings with **4.9 ★** average, and **99.97%** crash free sessions
 - <https://play.google.com/store/apps/details?id=com.ziprecruiter.android.release>
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Android - Solo development of the "WS - Wine and Cellar" app

 - **worldwide #1** ranked wine app in the Play Store (in 2012-2013)
 - 500K+ downloads, 3330+ ratings, and average rating of 4.2 ★
 - No longer maintained, and no longer available from the Play Store
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Flutter - Solo development of Wine Dictionary app

 - app runs on iOS and Android
 - 400K+ Play Store downloads, 2000+ ratings, and average rating of 4.3 ★
 - <https://play.google.com/store/apps/details?id=dictionary.winesecretary.com>

MY SHOWCASE OF 2020 ANDROID BEST PRACTICES

Technologies: 100% Kotlin, MVVM, SQLite/SQLDelight, JUnit 5 + Mockk, Dagger 2, Android Jetpack, Data repository pattern, Single activity + Fragments

Code: <https://github.com/franklinharper/lametro/>

MAIN TECHNICAL SKILLS

Android SDK	Kotlin/Java/Dart	RxJava	MVP, MVVM
Continuous Integration	SQL/SQLite/SQLDelight	Flutter	Git
Testing	Android Jetpack		

PROFESSIONAL EXPERIENCE

Ziprecruiter, Santa Monica, CA

Jan. 2015-Mar. 2020

Lead Android Developer

- Technical Lead for Ziprecruiter Job Seeker Android app
 - The app has ~200K ratings with 4.9 ★ average, and 99.97% crash free sessions
 - Improved maintainability and testability by transitioning to Kotlin + MVVM + RxJava
 - Reduced toil by Implementing Bitrise CI with: Unit tests, Lint checks, Security analysis
 - Increased code quality through systematic code reviews
 - 300+ Unit test suite that runs in less than 15 secs
 - Play Store Optimization (started ranked at #35 rated in USA, reached #1 after 18 months)
- Main Technologies: Android SDK, Kotlin, Java, Dagger2, AutoFactory, Junit, Mockito, Mockk, Retrofit, RxJava, Git, Play Services, Crashlytics, Mixpanel

Rosetta, El Segundo, CA

Nov-Dec. 2014

Senior Android Developer

- Add features and fix bugs on a customer support app belonging to a top consumer electronics brand.
- Main Technologies: Android SDK, Git, Android Studio

MAARK, Boston, MA

Feb. 2013

Senior Android Developer

- Development of SmartText, an Android chat app prototype. This was a short term consulting project with a hard deadline, because it had to be demoed at Mobile World Congress 2013 in Barcelona.
- Technologies Used Android, Eclipse, Linux, Rich Communication Services chat protocol
- The app was successfully demoed during MWC 2013.

Wine Apps LLC, France

Nov. 2011 – Oct. 2014

Android Developer

- Developed the "WS - Wine and Cellar" app from scratch, and subsequently published 31 versions in the Google Play Store.
- In 2012/2013 "WS - Wine and Cellar" went from ranking #332 to being the worldwide #1 Android wine app, with 350K+ downloads.
- With the help of a designer, I iterated over the following app development life-cycle:
 - Analyze user feedback+analytics from production version
 - Define scope for next version: bugs to fix, new features
 - Develop next version using Java / Eclipse / XML Layouts / Open source libraries / Testing tools
 - Test (automated and manual)
 - Beta test with core users
 - Publish in Google Play
- I followed the same process, and did the same work to develop the "Wine Dictionary" app, and published 8 versions. In Sept. 2014, this app was the #4 ranked Android wine app with 400K+ downloads, 2000+ ratings, and an average rating of 4.3.

Pulse Design Studio

June 2011 -Dec. 2011

Android development + AI

- Learned Android development lifecycle: framework, tools, publishing
- Sep.: Developed and published first version of "Love Pulse" app
- Oct-Dec: Stanford online course "Advanced Track of Introduction to Artificial Intelligence"
 - Finished in the top 25% of the class with a score of 95.5%

EDUCATION

- Université Bordeaux I, France - maîtrise, Computer Science (masters)
- Université Bordeaux I, France - DUT, Computer Science (bachelors)
- Independent Coursework - Advanced Track of Introduction to Artificial Intelligence
- ISTQB Foundation Level Testing Certification

HUMAN LANGUAGES

- English (Native or bilingual proficiency)
- French (Native or bilingual proficiency)
- German (Limited working proficiency)
- Persian (Elementary proficiency)
- Spanish (Elementary proficiency)