

Jawadur Rashid

✉ j2rashid@uwaterloo.ca

in jawadur-rashid

🌐 jawadurrashid.com

☎ (647)-855-7692

📄 github.com/jawadurrashid

Technical Skills:

Languages:

- Java
- Kotlin
- C++/C
- JavaScript
- HTML/CSS
- SQL

Technologies:

- RxJava
- Node.js
- Dagger
- GraphQL
- PostgreSQL
- MongoDB
- jQuery
- Appium
- Selenium
- Espresso
- JUnit
- Mockito
- CI (Jenkins)
- Git

Education:

University of Waterloo

B.A.Sc Computer Engineering

2016-2021

Experience

Agile Software Engineer – TribalScale

May 2018 – Aug 2018

- Implemented features in Radio.com's Android application (**1,000,000+** monthly active users) using **Kotlin**, MVP architecture, RxJava, Dagger, **Retrofit**, GraphQL, Mockito, and Room
- Performed a large scale refactor of Entercom's Radio.com over a 3-week iteration; converting existing **Java** code to **Kotlin** and reducing overall coupling to **increase testability** by **50%**
- Contributed extensively to the early scoping and development of the Radio.com **Amazon Fire TV** application made using Kotlin and **TDD** principles
- Executed a complete application redesign; converted complex wireframes created by design team to pixel perfect XML layouts

Android Developer – Yellow Pages/RedFlagDeals

Sep 2017 - Dec 2017

- Developed a draft manager in the RedFlagDeals application (**100,000+ installs**) using **Java** and **Room** allowing users to save and restore content
- Implemented a flyer browser that displays tile-based images and supports zoom and dragging functionality using **TileView** and **Glide**
- Created a feature enabling users to report inappropriate posts and implemented complimentary view and click tracking
- Ensured optimal code functionality and reliable Android UI using **Espresso**, **Mockito**, **MockWebServer**, and **JUnit** testing

Agile Software Test Engineer – TribalScale

Jan 2017 - Apr 2017

- Architected and developed automated tests using **Java**, **Appium**, and **CI** to accelerate release cycles and **increase the efficiency** of the testing process by more than **60%**
- Collaborated with engineering directors to integrate new tools, process changes, and produce user and technical requirements for test automation



Projects

MovieComplex – Kotlin, RxJava, Retrofit, Gson

May 2018

- Developed a movie discovery Android application that displays data about the top rated films of all time using the **MovieDB API**
- Utilized Retrofit as a **REST client** and leveraged the benefits of **Reactive Programming** using RxJava

Budget Plus - Javascript

Dec 2017

- Created a budgeting application that computes a budget based off user inputted incomes and expenses
- Applied concepts of **DOM manipulation** and **event delegation** to implement core UI interactive functionalities

Simple - JavaScript/Node.js/MongoDB/Express/EJS

In Progress

- Built a full-stack E-Commerce web application that allows users to purchase high quality, affordable products
- Employed a user authentication and profile infrastructure using **Node.js** and Mongoose to map a native user schema to a **MongoDB** database