Jawadur Rashid

647-855-7692 | j2rashid@uwaterloo.ca | www.jawadurrashid.com | jawadurrashid | jawadur-rashid

Skills

Languages: Java, Kotlin, JavaScript, C++, C, Python, HTML/CSS, SQL, Bash
Softwares: React, Redux, Node.js, Angular, Spring, Docker, Kubernetes, AWS, RxJava, Dagger, GraphQL, Git

Experience

IBM
Toronto, ON
Software Engineering Intern
Sep. 2019 - Dec. 2019

- Led the development, release and maintenance of a professional networking web tool used by **200k+** employees using **React**, **Redux**, **Node.js**, and **MongoDB**
- Architected a key full-stack feature that enables employees to set skill and goal development roadmaps; resulted in a **80%+** increase in user interaction over its predecessor
- Refactored the React component hierarchy, data flow and rendering logic to enhance front-end performance by **35%**
- Spearheaded the inception of a POC for the Air Canada web application using **Angular**, **TypeScript**, NgRx, and RxJs

Scotiabank
Toronto, ON
Software Engineering Intern
Jan. 2019 - Apr. 2019

- Introduced and scaled up a custom step **Docker** build pipeline (CI/CD) to reduce commit to production lead time by **80%** (3 months to 20 days) and operation costs by **$1M+**
- Developed the build engine web application using **React**, **Redux** and **Spring Boot** (used by **150+** teams)
- Extended an in-house container orchestrator and developed a plethora of Docker images used as steps for building, deploying, testing, security scans and versioning for **1000+** projects across Scotiabank
- Integrated various services into the Docker build pipeline including SonarQube, Fortify analysis, Artifactory tagging, Google Cloud Build deployment and Splunk metrics by leveraging skills in **Node.js**, **Python**, **Groovy**, and **Bash**

TribalScale
Toronto, ON
Agile Software Engineering Intern
May. 2018 - Aug. 2018

- Implemented features in Radio.com's Android application (**1,000,000+** monthly active users) using **Kotlin**, RxJava, Dagger, Retrofit, GraphQL, RabbitMQ, Mockito and JUnit
- Performed a large scale refactor converting **Java** codebase to Kotlin and increased testability by **75%**
- Led the inception and release of the Radio.com Amazon Fire TV application within **2 months** using Kotlin

YellowPages - RedFlagDeals
Toronto, ON
Software Engineering Intern
Sep. 2017 - Dec. 2017

- Developed a draft manager in the RFD **Android** application (**150k+ users**) using **Room** to manage **500k+** records
- Implemented a flyer browser that displays tile-based images and supports zoom/dragging using TileView and **Glide**

TribalScale
Toronto, ON
Agile Software Engineering Intern
Jan. 2017 - Apr. 2017

- Led the adoption of automated testing using **Java**, Appium, and Selenium to optimize testing process by **75+%**
- Ensured optimal performance, reliable Android UI and increased code coverage by **50%** with Espresso and Mockito

Projects

MovieComplex
EngHacks
Kotlin, RxJava, Retrofit | HTTPS://GITHUB.COM/JAWADURRASHID/MOVIECOMPLEX
May. 2018

- Developed a movie discovery Android application that displays data about the top rated films of all time

Simple
Toronto, ON
Node.js, MongoDB, Express | HTTPS://GITHUB.COM/JAWADURRASHID/SIMPLE
In Progress

- Built a full-stack E-Commerce web application that allows users to purchase high quality, affordable products

Education

University of Waterloo
Waterloo, ON
Bachelor of Applied Science: Honours Computer Engineering
Sep. 2016 - Apr. 2021