

ASHKAN ABEDIAN

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Ability to apply software design patterns to produce clean and scalable solutions

Skills

LANGUAGES

Java
Kotlin
Javascript
C#
SQL
Python
Scala
VBA

LIBRARIES

React
Liquibase
EventBus
RxJava

TOOLS/Frameworks

Gradle
AWS
Espresso
Jenkins
Docker
Spring
React Native
Flutter

Employment

Toast Inc. Software Engineer *Kotlin, Java, Android*

Boston
Sept. 2018 to Dec. 2018

- Enhanced the guest's credit card payment experience by developing a dual screen payment workflow for the Android point of sale
- Owned the development of a new feature which allowed customers to make chip card payments securely on guest facing EMV card readers
- Eliminated all recurring production crashes by addressing several race conditions pertaining to payment authorization responses from an Asynchronous task
- Completed the transition to the MVP pattern by refactoring the LevelUp rewards module
- Achieved compliance with the *Americans with Disabilities Act* for all guest facing displays by unifying view styles throughout the codebase

Bank of America Software Developer *Java, Scala, SQL, Gradle, C#*

Toronto
Jan. 2018 to May 2018

- Realized the firm's metric-driven goal by developing a monitoring application that captures 175% more data points pertaining to the overall health of the applications running in production
- Achieved a successful global deployment by utilizing Gradle and Ansible to configure the application and receiving nodes
- Produced clean code by applying XP engineering principles such as pair programming and test-driven development

SeamlessMD QA Analyst *Javascript, Python, VBA, HTML*

Toronto
Apr. 2017 to Aug. 2017

- Ensured compliance with the Web Content Accessibility Guidelines 2.0 by building an image tagging tool using Python
- Presented usage analytics to clients by building three analytics widgets to process usage metrics
- Achieved a two month reduction in the product implementation timeline through task automation

Projects

Pocket CPM *Kotlin, Java, Dagger 2, SQLite*

Developed a native Android application using Java and Kotlin, that utilizes Android Architecture Components and the critical path algorithm to identify critical tasks and outline potential bottlenecks with the goal of preventing time-frame issues.

CI/CD Proof of Concept *Chef, Ruby, AWS, Docker, Jenkins*

Created a Chef recipe that configures the deployment of both Jira and Jenkins within Docker containers whilst giving Jenkins the ability to run docker commands for continuous delivery.

Labourforce *Kotlin, Spring, Gradle, React, React Native, Docker, AWS*

Developing a full-stack solution using the clean architecture pattern to help small companies find contractors in their respective trade and provide performance ratings for each hire. We plan to expand the solution further by building a mobile application which allows managers to assign tasks to their employees and track their progress.

Education

University of Waterloo Bachelor of Applied Science in Management Engineering 2021 Cumulative average of 87.82%

Sept. 2016 to Apr. 2021