

	WALI AHMED USMANI	(778) 881-9254 waliusmani@gmail.com.com
EMPLOYMENT		
Senior Software Engineer	Orbital Technologies Inc / AvisoWealth	June 2020 - Present
<ul style="list-style-type: none"> Developed features for a customer investment planner and account opening system written in Java 8 using the Spring MVC framework. Integrated LaunchDarkly feature flag system for release management, a redesigned customer notification system and translation layer for book-of-record systems. Lead a successful modernization initiative of customer facing application's MFA platform for ~100000 clients managing fail-overs, disaster recoveries and practice runs. Redesigned programming interface as an external library to be re-used by various modules. Architected and developed an Angular SPA to assist with onboarding new clients to successfully streamline 8000+ customer sign ups. Project featured continue-where-you-left-off data retention and observable data caches. Developing and creating process standards for Microsoft Azure AD B2C IEF framework based custom policies for user account flows such as SignUp and SignIn. 		
Java and Android Engineer	Aequilibrium Software Inc.	Mar 2019 - June 2020
<ul style="list-style-type: none"> Implemented cheque photo deposit and other new features in Android mobile banking application for a prominent Pacific NorthWest Credit Union using Backbase architecture and SDK. Led the development of Interac NFC Tap to Pay feature on a white label mobile banking application for Android using a combination of native Java classes and the Ionic Framework. 		
Lead Server Engineer	TTT Studios (formerly Two Tall Totems)	Jan 2017 - Mar 2019
<ul style="list-style-type: none"> Updated server architecture to be horizontally scalable and reduced time to search for matches from ~25 seconds to fewer than 500 milliseconds using caching and database redesign using Cassandra DB. Implemented a backend application for a BC utility corporation to allow users to access their account details and view billing information using Spring Cloud Platform (Eureka Service Discovery and Zuul Gateway). Built a Spring Boot Server for block chain based application which uses a Proof of Elapsed Time consensus algorithm using HyperLedger Sawtooth Blockchain. Application featured an open api for external verification of the block chain for evidence of proof of ownership for luxury goods. 		
EDUCATION		
Vancouver, BC	University of British Columbia	Jan 2015 – Dec 2016
<ul style="list-style-type: none"> MSc. in Computer Science, University of British Columbia Dec 2016 		
TECHNICAL EXPERIENCE		
Projects		
<ul style="list-style-type: none"> Kraken (Personal – Ongoing). Distributed Brute Force Password Cracking System. Application Server is written in Spring Boot with a React Front end. 280+ Stars Github TrackTrix (2015) Desktop C# Karaoke App to filter vocals from songs and remixing with recorded vocals. Github 		
LANGUAGES AND TECHNOLOGIES		
<ul style="list-style-type: none"> Java (Spring Boot, Spring Cloud, Spring Batch, Netflix OSS Stack, Weblogic, Hibernate, Redis, Maven, etc), Kotlin (for Android) , Python (scripting), Cordova and Ionic Javascript and Typescript for Angular 2 Framework with RxJs, PrimeNg IntelliJ and its variants (Android Studio, PyCharm), DBeaver, Postman, MYSQL, OracleDb, PostGRES, Cassandra, MongoDB, Elasticsearch, Lucene, Solr Actively worked on Azure and AWS using combination of elastic beanstalk/appservice, RDBMs, KeyVault, Elastic Container Service and S3/Blob Storage 		
INTERESTS AND HOBBIES		
Avid scale modeler and creating guides for Home Automation. Instagram showcase: @walimakes Personal Github and Automation Guides: https://arcaneiceman.github.io/		