

SUMMARY

- Mastered in Java with 3 years of experience and an excellent understanding of data structures, algorithms and object-oriented design.
- Extensive work experience in developing large distributed and parallel systems, web applications, and large enterprise-level software systems under a Unix/Linux/macOS environment.
- Interested and capable of learning other coding languages as needed.
- Great working proficiency and excellent communication skills in verbal and written English as a native speaker.
- Seeking relocation, eligible for NAFTA TN-1 visa as a Canadian Citizen.

WORK EXPERIENCE

Software Engineer

08/2019 – current

Guidewire Software Inc.

- Upgraded existing single-threaded application with multi-threading capabilities and resolve all concurrency problems with JAVA to greatly improve user-experiences and application performance.
- Perform bug fixes and new feature implementation like the one mentioned above for Guidewire's Product Content Analysis using Gosu.
- Maintain existing and implement new TeamCity pipelines that produce executable content that reflects the ISO updates for continuous integration.
- Write new and maintain existing selenium tests for browser testing.
- Quickly and accurately identify and debug through an unfamiliar massive codebase that made up of dozens of projects with different tools.
- Upgrade existing software and infrastructure to newer versions of platforms including JDK, Gradle, Selenium, etc. with Docker deployment.

Application Developer

05/2017 – 09/2018

Canadian Imperial Bank of Commerce

- Implemented a Hadoop PoC project that is capable of completing map-reduce requests and data transfers from and to RDBMS. Gave my recommendation, introduction and risk evaluation to the delivery team.
- Composed sequence diagram for information flows and processes
- Came up data warehouse/mart classification standard intended to better track the source of inconsistent data.
- Led a project team with seven team members, finished two team projects with excellent feedback. Got rated as "Exceptional" as a final evaluation.

Web Developer

07/2015 – 09/2015

Qingdao Micro Wisdom Info-Tech Co. Ltd

- Implemented using open-source JavaScript Libraries and cheap map data.
- The project provides Map Display, location lookup and routes finding with PostgreSQL hosting local data and deployed with Docker on Azure

EDUCATION

Honours Bachelor of Science Degree

09/2015 – 08/2019

- Specialist (Co-operative) Program in Computer Science
- Software Engineering Stream
- University of Toronto

SKILLS

Core Java
C/C++
HTML/CSS
RESTful APIs
NoSQL/SQL
Hadoop
GIT/SVN
Linux/Unix
Docker
NodeJs
Unix Shell

PROJECTS

Web-based map without reference any 3rd party reference call

Online Trip Organization App that provides schedule for entire trip.

Neuro Nets that recognize handwriting digits.

AWARDS

2018 Q2 CIBC Top Achiever

Toronto Secondary School Chess League 2012 Bronze

VOLUNTEER

Imani Highschool Mentor that helps local high school student with school work

First Year Experience Mentor that help first year computer science students

High school chess instructor