

Mershab Issadien

"Sufficiently advanced technology is indistinguishable from magic"

- Arthur C. Clarke

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PROGRAMMING SKILLS

- **Proficient:** Java, Python, REST Frameworks (Flask, Dropwizard), Maven, MongoDB, SQL, Docker, Git version control, C#, Arduino
- **Learning:** Kubernetes, InfluxDB, PostgreSQL, Django, Node.js

EXPERIENCE

- **Praizl Inc.** Richmond Hill, ON - Remote
Full-Stack Software Engineer *July 2020 - Present*
 - **REST API:** Developed a REST APIs using Flask and Dropwizard. Built Resources for endpoints including User Management Resources for easy front-end communication
 - **Database:** Built MongoDB data schema + Java-Mongo communication library and developed Python data-stores. Built Mongo Caching layer which reduced latency/load time by 40% Managed and maintained InfluxDB datastore
 - **Efficiency:** Developed asynchronous job scheduler in Python to reduce HTTP request latency 54%
 - **Analytics:** Developed Recommendation Engine for Real Estate Insights using InfluxDB time-series data, as well as manipulated datasets using mathematical algorithms
 - **Testing and Validation:** Tested and validated my own code.
 - **Deployment:** Using Docker and Kubernetes, Deploying and maintaining containers with load balancing (.yaml configurations)
 - **Project Management:** Worked in Agile teams on a Feature-by-Feature basis using SCRUM organizational tools
 - **Mentorship:** Worked under direct tutelage, and subject to code reviews by ex-Salesforce, ex-Uber, ex-Microsoft software engineers.
- **The Home Depot** Richmond Hill, ON
Sales Associate/Inventory Associate *May 2019 - August 2019*
 - **System Feedback:** Learned the inventory system (SAP powered) as well as provided bug feedback for the software development team. Identified and called out process inefficiencies saving employees an hour a day.
 - **Accomplishments:** Sales Employee of the Month (July), 3x Homer Awards

EDUCATION

- **University of Ottawa** Ottawa, ON
BSc. Honours Computer Science *September 2017 - Current*
 - **Notable Courses:** Technical Report Writing, Requirements Engineering, Software Engineering, Data Structures and Algorithms, Statistics, Formal Languages
 - **Clubs/Projects:** Uottawa CSME (Engineering Association). Built the e-mail system for the website uOttawaCSME.ca. UOttawa Dota 2 B Team Captain

PROJECTS

- **Ryerson Climate Hack-To-Action Hackathon** Toronto, ON
Team Hackathon Competitor - 3rd Place *May 2016*
 - **General:** Developed a user focused carbon credit Android application with a SQL backend within 24 hours.

REFERENCES

- **References Available Upon Request**

HOBBIES

- Martial Arts, Fitness, Team Sports, Former Captain of Esports Team (DoTa 2), Fighting game enthusiast