

Mershab Issadien

"Sufficiently advanced technology is indistinguishable from magic"

- Arthur C. Clarke

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PROGRAMMING SKILLS

- **Languages/Databases:** Java, Python, C#, Arduino (Processing) MongoDB, SQL, InfluxDB
- **Frameworks/APIs/Tools:** Flask, Dropwizard, Django, JSON, Maven, Git VCS, Docker, Kubernetes
- **IDE/OS:** VS Code, IntelliJ, Pycharm, CentOS, Ubuntu, Kali Linux
- **Learning:** PostgreSQL, Node.js, Jenkins

EXPERIENCE

- **Praizl Inc.** Richmond Hill, ON - Remote
Full-Stack Software Engineer *July 2020 - Present*
 - Developed a REST APIs using Flask and Dropwizard. Built Resources including User Management Resources
 - Built data access layer for Rest API using MongoDB, leveraged both python and mongo libraries
 - Increased time series retrieval by implementing an in-memory caching layer for MongoDB
 - Developed asynchronous job scheduler in Python and Java to mitigate expensive HTTP requests
 - Integrated Sliced and Diced data with recommendations engine to produce valuable real estate insights
 - Achieved 80% code coverage with unit tests.
 - Helped deployment of backend infrastructure using Docker and Kubernetes
 - Worked in Agile teams on a Feature-by-Feature basis using SCRUM organizational tools
 - Worked under direct supervision and collaborated with 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** Data Structures and Algorithms, Statistics, Formal Languages, Technical Report Writing, Requirements Engineering, Software Engineering
 - **Clubs/Projects** Uottawa CSME (Engineering Association). Built e-mail system for uOttawaCSME.ca. UOttawa Dota 2 B Team Captain

PROJECTS

- **Ryerson Climate Hack-To-Action Hackathon** Toronto, ON
Team Hackathon Competitor - 3rd Place *May 2016*
 - 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