

TISEAGAN KETHARASINGAM

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SUMMARY OF QUALIFICATIONS

- Competency in constructing and building mobile applications using Java and Kotlin
- Familiarity with relational databases, database design, SQL, and APIs as a back-end developer
- Experience with algorithm design using functional, procedural, and object-oriented programming
- Knowledgeable in using front-end and back-end technologies as a web developer
- Skilled in building applications using audio programming using the JUCE framework

EXPERIENCE

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| Sales Associate
<i>Hudson's Bay Company</i> | Jul 2018 – Sept 2019
Markham, Ontario |
| <ul style="list-style-type: none">• Gave customer service while maintaining shopping space, doing inventory, and selling products of various types• Worked at the POS station with a cash register while collaborating with coworkers to achieve common goals | |
| Sales Associate
<i>RONA Home & Garden</i> | Mar 2018 – Nov 2018
Markham, Ontario |
| <ul style="list-style-type: none">• Gained knowledge and practical experience working with different types of merchandise• Gave customer service, doing inventory, maintenance of shopping space, and meeting store standards and goals | |

PROJECTS

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| Weather App <i>Java, Android Studio, Volley, OpenWeatherAPI</i> | Feb 2022 – Feb 2022 |
| <ul style="list-style-type: none">• Used Volley library to implement networking for application• Used and implemented OpenWeatherAPI to retrieve real-time data to display on app• Programmed front-end and back-end using Java | |
| SimpleHR <i>Express.js, Firebase, Node.js, Twilio, Vue</i> | Feb 2022 – Feb 2022 |
| <ul style="list-style-type: none">• Integrated and tested Twilio API and connected the API to the back-end of the project• Developed routes for REST API using node.js and express.js• Used Postman to test REST API with requests for functionality• Implemented a database and tested the project with sample data using Firebase | |

EDUCATION

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| Ontario Tech University
<i>Candidate for Bachelor of Science, Data Science Specialization</i> | Oshawa, Ontario
Sept 2019 – Apr 2023 |
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Clubs & Activities: Computer Science Club, Tamil Student Association

RELEVANT COURSES

- 1st:** Computer Architecture I, Programming Workshops I & II
2nd: Scientific Data Analysis, Data Structures, Linear Algebra, Software Systems Development and Integration, Software Design and Analysis
3rd: Analysis and Design of Algorithms, Database Systems and Concepts, Big Data Analytics, Web Application Development, Software Quality Assurance

TECHNICAL SKILLS

Languages: Python, HTML, CSS, JavaScript, C++ , Java, SQL, C, Clojure, Kotlin, Java FX, Assembly, XML, JSON
Frameworks: Flask, Node.js, JUCE, Express.js, Socket.io, Vue.js
Libraries: NumPy, SciPy, Matplotlib, Pandas, Selenium
Databases: pgAdmin, Toad Data Modeller, Firebase, MongoDB, SQLite
Software & Tools: GitHub, Jupyter Notebook/Google Colaboratory, Postman, VS Code, Git Bash, Ubuntu