



# MITHUUSAN KIRUPANANTHAN

Toronto, Ontario

✉ mithuusank@gmail.com ☎ 647-568-7527  LinkedIn  GitHub

## SUMMARY OF QUALIFICATIONS

---

- A success-oriented leader committed to accomplishing goals while maintaining high morale and team spirit
- Proficiency in prioritizing and efficiently completing tasks, within high-pressure work environments
- Ability to evaluate complex situations from multiple perspectives and provide effective solutions
- Highly skilled in designing and developing solutions in Java, Python, C++, HTML, CSS, JavaScript, and SQL
- Extensive experience in implementing Object-Oriented Programming principles in Java and Python
- Expertise in utilizing Waterfall, Spiral, and Agile Software Development Methodologies

## EXPERIENCE

---

### Cloud and DevOps Engineer (Intern)

05/2022 - 12/2022

*Equitable Bank*

*Toronto, Canada*

- Developed and managed the Digital Banking team's Confluence pages, enhancing ease of use and boosting workflow efficiency
- Contributed to the timely execution of over 50 major service requests for a pre-paid card project
- Performed a comprehensive analysis of resource utilization, error patterns, and performance bottlenecks using Kibana, resulting in improvements to the efficiency of the digital banking app
- Leveraged Jenkins and Anypoint MuleSoft tools to proactively enhance and maintain lower environment APIs, ensuring system stability, functionality, and overall performance
- Supported over 20 significant digital banking releases, employing meticulous planning and execution, delivering high-quality products to stakeholders
- Effectively managed Production and Staging Lower environments within the Temenos platform, ensuring seamless operations and successful Close of Business processes
- Utilized Microsoft Excel and Draw.io to create an essential API dependencies map for the transition from MuleSoft to Argo CD, ensuring accurate updates and preventing system failures
- Facilitated weekly release management meetings with the digital banking team, overseeing project updates and providing information on upcoming releases
- Worked in close collaboration with the Director of Release Management to manage current and upcoming projects

Additional Experience:

### Equitable Bank Intern Case Competition

- Participated in a group case competition with 40 fellow interns, tasked with creating an innovative product that aligned with the bank's purpose
- Developed an all-digital banking card, which leveraged the bank's pre-existing digital infrastructure, with consideration of time, cost, and scope metrics
- Enforced robust security measures through the implementation of hashing and tokenization, aimed at securing customer data during transactions
- Delivered a thoroughly researched presentation outlining the project idea and the development plan for the product to the CEO and Vice Presidents of the organization

### General Merchandise Salesfloor Associate

06/2020 - Present

*Walmart Supercentre*

*Whitby, Canada*

- Led a team of over 30 associates towards achieving company targets while cultivating high team spirit
- Created the sales-floor associate's schedule; assigning tasks according to individual strengths and expertise, resulting in an increase in employee productivity
- Handled a wide variety of conflicts; pinpointed the specific area of concern and resolved within a timely manner
- Collaborated with managers to contribute insights in the development of strategic objectives to increase company sales
- Assisted with hardware and software issues by troubleshooting and providing technical support ensuring minimal downtime and optimal efficiency
- Provided guidance in the Electronics department, offering customers advice on recommended technological products and software

## PERSONAL PROJECTS

---

### Leave and Absence Dashboard - [GitHub](#)

12/2023

- Designed and developed a Leave and Absence Dashboard website utilizing the Waterfall Software development methodology
- The system was built using HTML and CSS for the front end, Python with the Flask framework for the back end, and SQL for the database
- Allowed companies to have a dashboard where employees can request time off and work-from-home days, and managers were then able to approve or deny these requests
- Increased security and efficiency by implementing user verification and optimizing data management, resulting in improved run-time performance and ease of access for users

### Java ATM Banking Machine - [GitHub](#)

04/2023

- Utilized the Spiral software development methodology to build a Java ATM system, enabling users to perform daily ATM transactions such as withdrawals, deposits, and transfers
- Developed the system using Java and JavaFX for the graphical user interface (GUI), demonstrating a thorough understanding of object-oriented programming and graphical user interface design
- Executed the project with efficiency, ensuring a seamless and user-friendly system for users, while completing the project within a timely manner
- Employed unit, integration, acceptance, and performance testing to ensure the system satisfied all functional and non-functional requirements

### War Card Game - [GitHub](#)

04/2022

- Developed 3 renditions of the card game war, in the programming languages: Elixir, Haskell, and Rust
- Utilized unit testing on every function to ensure accurate results, reliability, and optimal performance were achieved
- Maintained all program specifications; completing the project with utmost accuracy within the given time frame

## EDUCATION

---

### Bachelors of Science in Computer Science Honours

09/2021 - 04/2025

Toronto Metropolitan University

Toronto, Canada

- Concentration in Software Engineering
- **Relevant Coursework:** Algorithms, Object-Oriented Programming (Java, Python), Discrete Structures, Software Engineering, Project Management, Data Science

## CERTIFICATIONS

---

### Level Up: JavaScript - [LinkedIn](#)

12/2023

- Learned about the fundamentals of JavaScript and all of its uses in the modern technology industry
- Gained hands-on experience through completing complex practice questions, covering different concepts
- Implemented JavaScript fundamentals to create several web applications with proficiency

### Full Stack and Front End Web Development - [LinkedIn](#)

12/2023

- Received valuable insights and learned the fundamentals of full stack web development with HTML, CSS, JavaScript, MYSQL, and API's
- Developed proficiency in full-stack development, gaining the ability to manage both front-end and back-end aspects of projects
- Utilized the knowledge to design and develop a full stack Leave and Absence Dashboard website

## TECHNICAL SKILLS

---

**Languages:** Python, Java, C, C++, HTML, CSS, JavaScript, Lisp, Smalltalk, Elixir, Haskell, SQL

**Developer Tools:** VS Code, VIM, GitHub, Microsoft Office

**Technologies/Frameworks:** Linux, Flask, Git, ReactJS, NodeJS