

MITHUUSAN KIRUPANANTHAN

Toronto, Ontario

✉ mithuusank@gmail.com ☎ 647-568-7527 🔗 LinkedIn 🌐 GitHub 📁 Personal Portfolio

EXPERIENCE

Program Officer

10/2024 - Present

Stephen Lewis Foundation

Toronto, Canada

- Developed and automated a real-time **Power BI** dashboard to enhance data visualization, eliminating manual report analysis and increasing decision-making speed by **25%**.
- Managed a grant-making database (SKY), utilizing **SQL/Excel**, to structure **100+** custom reports, reducing turnaround times and improving data retrieval efficiency.
- Worked alongside the finance team to pinpoint and fix data inconsistencies, improving data reliability and reducing errors by **20%**.

Riipen

01/2025 – 04/2025

Full Stack Developer

Toronto, Canada

- Carried out the **Scrum** development framework within a team of 4 to successfully create a website for a DJ business, ensuring efficient time management, regular reviews, and timely delivery of a fully functional and user-friendly website.
- Implemented basic SEO practices and integrated Google Analytics, resulting in a **25%** increase in organic website traffic.
- Leveraged the Google Business Profile **API** to integrate real-time review displays on the website, enhancing user engagement by providing visitors with the latest customer feedback.

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 **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 **API's**, ensuring system stability, functionality, and overall performance.
- Supported **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.

PERSONAL PROJECTS

OSP

04/2025

- Built a full-stack e-commerce site with secure user authentication, dynamic product catalog, and real-time admin dashboard using PHP, SQL, HTML, CSS, and JavaScript.
- Created modular PHP scripts for efficient CRUD operations within a XAMPP environment, enabling robust database integration and seamless user workflows from browsing to checkout.
- Integrated the Google Maps API to visualize delivery routes and optimize logistics, improving delivery efficiency and enhancing the customer fulfillment experience.

Gould Street University Portal

12/2024

- Led a team of 5 through the Agile Software Development life cycle, including sprint planning, iterative development, and testing, to successfully deliver the product, ensuring alignment with project goal and user requirements.
- Designed and developed the portal, which streamlined submission tracking and student communication, enhancing academic collaboration and efficiency.
- Implemented features for students to view project documentation, submit assignments, view grades and feedback, improving accessibility to learning material.
- Developed Instructor features to manage projects, upload project information, mark assignments, and communicate with students, simplifying the grading and academic process.

Java ATM Banking Machine

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.

EDUCATION

Bachelors of Science in Computer Science (Honours)

09/2021 - 04/2025

Toronto Metropolitan University

Toronto, Canada

- Concentration in Software Engineering
- **Relevant Coursework:** Software Engineering, Data Structures & Algorithms, Operating Systems, Object-Oriented Design & Analysis, Project Management, Databases, Web Applications, Extreme Programming & Agile Processes

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

Programming Languages: React, Python, Java, JavaScript, C/C++/C, TypeScript, SQL, HTML/CSS

Developer Tools: Git, GitHub, ViteJS, Google Cloud Platform (GCP), PostgreSQL, Anypoint, Jenkins, JIRA, Confluence, Visual Studio Code

Concepts/Interests: Agile, Artificial Intelligence (AI), Back-end, Cloud Computing, Databases, DevOps, Finance/Fintech, Full Stack, Machine Learning (ML), Networks, Product Management, Security, Scrum, Software Development Life Cycle (SDLC)