

MITHUUSAN KIRUPANANTHAN

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SKILLS

Programming Languages: Python, Java, JavaScript, C/C++/C, TypeScript, SQL, HTML/CSS, Node.js

Frameworks/Tools: React, Git, GitHub, Vue.js, Vite, Next.js 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)

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%.

Full Stack Developer

01/2025 – 04/2025

Riipen

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.

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.
- Utilized 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

- Built a strong foundation in JavaScript, focusing on its role in modern web and software development in both front-end and full-stack environments.
- Applied programming concepts such as control flow, data manipulation, and event-driven programming through coding practice and real-world application scenarios.
- Created and developed a number of interactive web applications to demonstrate proficiency in producing clean, readable, and maintainable code.

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

12/2023

- Gained fundamental and practical skills in full-stack web development, using HTML, CSS, JavaScript, SQL, and RESTful APIs.
- Attained experience in client-side and server-side development, developing the ability to combine front-end design with back-end functionality seamlessly.
- Applied the full-stack development skills to design and build a responsive Leave & Absence Dashboard web app, demonstrating real-world problem solving.