

# Syed Saheer Multani

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## SUMMARY OF QUALIFICATIONS

- **4 Months of Paid Software Development Experience:** Gained hands-on experience with API integrations, automation, and data management during an internship, achieving efficiency improvements and scalable solutions.
- **2 Years of Customer Service Experience:** Developed key interpersonal and organizational transferrable skills, including verbal and written communication, problem-solving, teamwork, initiative, adaptability, etc.
- **Technical Skills:** Proficient in Java, Python, C/C++, JavaScript, HTML/CSS, VHDL, FPGA, Oscilloscopes, MATLAB, x86 Assembly, XML, LaTeX, Bash, Express.js, JavaFX, Flask, GitHub, MySQL, APIs, Smartsheet, Microsoft 365, UML, Visual Studio.

## EDUCATION

**Bachelor of Engineering: Computer Engineering - Software Engineering Option** Toronto, ON  
*Toronto Metropolitan University (formerly Ryerson University)* Exp. 2027

## EXPERIENCE

**BIM Software Developer Intern** May 2024 – August 2024  
*Loblaw Companies Limited* Brampton, ON

- Developed comprehensive full-stack integrations for Autodesk BIM 360, creating a Node.js/Express.js solution that added over 425 users to projects, reducing manual onboarding time by 90+%.
- Built an advanced API-based integration to add individual users to over 3,500 projects, cutting down onboarding time by 80+% and enhancing scalability for future expansions.
- Developed Smartsheet-based API applications to automate updates across thousands of entries, drastically reducing manual data entry and enhancing accuracy in project tracking.
- Created Smartsheet workflows to archive tasks across 500+ stores, reducing data management time by 70+% and decreasing administrative workload.

**General Merchandise & Grocery Clerk** July 2022 – July 2024  
*The Real Canadian Wholesale Club* Mississauga, ON

- Provided great customer support by providing to any customers' needs in a fast-paced environment.
- Ensured store shelves were organized and that product displays met company standards and were stocked.
- Ensured accurate product scanning, identified inventory needs and assisted with ordering. Kept department areas neat and ensured health and safety standards.

## PROJECTS

**FormatX** | *Python, HTML, CSS, JavaScript, and Flask; VS Code* November 2024 - Present

- Developed FormatX, a web-based document management tool that simplifies handling PDF files with functionalities for merging, splitting, and rearranging documents using Python libraries like PyPDF2.
- Designed an intuitive user interface with HTML, CSS, and JavaScript, integrating features such as drag-and-drop file reordering and dynamic previews using pdf.js, hosted on the web via Flask.
- Improved user experience by ensuring seamless interaction between the front-end and back-end, delivering a responsive and efficient application for real-world document management tasks.

**Smart Crafting Display** | *Forge API, Java, Minecraft, and Gradle; IntelliJ* September 2024 - December 2024

- Currently developing a detailed crafting mod/guide in Minecraft to simplify item creation, featuring clear component breakdowns and user-friendly quantity displays.
- Designing a visually appealing interface with customizable backgrounds and increased transparency to enhance user experience and accessibility.
- Working on a fully operational inventory management system, including features for locking the GUI and resizing options to optimize gameplay.

**Retail Banking System** | *Java, JavaFX, SQL, and Bash* September 2024 - November 2024

- Developed a retail banking system with a robust database schema using Oracle SQL Developer, supporting key functionalities like customer transactions and account management while ensuring data integrity.
- Designed and implemented a user-centric interface by creating detailed wireframes and developing the front-end with JavaFX, ensuring consistency between design and functionality.
- Implemented secure role-based authentication using Java, integrated with the database.
- Followed a structured lifecycle with requirements gathering, development, testing, and deployment, adopting the waterfall methodology to ensure clarity and precision at each project phase.