Syed Saheer Multani

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SUMMARY OF QUALIFICATIONS

- Dedicated Computer Engineering student with a strong ethical foundation, excellent time management skills, and the ability to adapt quickly to new challenges.
- Proven track record of solving complex problems with practical, effective solutions demonstrated through personal/academic projects.
- Committed to continuous learning and leveraging skills to thrive in diverse and dynamic environments demonstrated through the internship at Loblaw Companies Limited.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, VHDL, MATLAB, x86 Assembly, XML, LaTeX
Frameworks: Express.js, JavaFX
Tools: Windows, Unix, GitHub, FPGA, VS Code, Visual Studio, Quartus II, Apache Netbeans, CodeWarrior, MySQL, Two-Legged OAuth, SSH, Smartsheet, MS Office, Oscilloscope
Libraries: Tkinter, Python Imaging Library (PIL), Axios, JQuery, Select2

EDUCATION

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

EXPERIENCE

BIM 360 Software Developer May 2024 – August 2024
Loblaw Companies Limited *Brampton, ON*

- Developed a full-stack integration using Node.js and Express.js for Autodesk BIM 360, enabling seamless addition of over 425 users to a project, improving user management through a user-friendly frontend built with HTML/CSS.
- Created an additional full-stack integration for BIM, facilitating the addition of a single user to over 3,500 projects via API calls, streamlining project onboarding and reducing setup time.
- Leveraged Smartsheet APIs to develop an application that automates the updating and moving of rows and columns leading to a reduction in manual data entry efforts and ensuring accurate project tracking.
- Designed and implemented workflow automation for Smartsheet, enabling efficient archiving of old tasks across thousands of stores, which improved overall data management and reduced administrative workload.

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

- Ensured client needs were met through great customer service.
- Maintained and stocked product displays that correspond with company standards.

PERSONAL/ACADEMIC PROJECTS

Portfolio Website | *JavaScript, Python, HTML, CSS, GitHub Pages* June 2024 – Present

- Developed a website using HTML and JavaScript and used CSS to style it. Implemented the game "Tic Tac Toe" into the website using Python
- Used for displaying experience through the workplace as well as personal and academic projects

Online Retail Banking System | *Java, JavaFX, MySQL* May 2024 – Present

- Developed a retail banking system with a GUI using Java, JavaFX, and MySQL, applying object-oriented principles and software design patterns, including state design and abstraction.
- Created a login authentication system for employees and customers, implementing role-based access where customers can perform transactions (e.g., deposits, withdrawals) and employees can manage accounts.
- Ensured secure data handling and improved user experience through intuitive interface design and efficient database management.

General-Purpose Processor | *VHDL, FPGA, Quartus II* November 2023

- Utilized Quartus II to build block diagrams and utilized VHDL to program components such as the ALU, Latches, etc. in my Digital Systems class
- Designed an Arithmetic and Logic Unit in a VHDL environment and implemented it on an FPGA Board
- Used a 4x16 Decoder to interpret the instructions and set the tasks into motion