Mohammed Sohaib Syed

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EDUCATION

Toronto Metropolitan University   Toronto, Ontario
BEng in Biomedical Engineering (Computer Science Minor)   *Sep. 2021 – Jun. 2026*
- Relevant Courses: Computer Science I and II, Computer Programming Fundamentals, Intro to UNIX, C, and C++, Introduction to Software Eng., Data Structures, Operating Systems I, Web Systems Development, Database Systems, Comparative Programming Languages, Digital Systems, Microprocessor Systems

TECHNICAL SKILLS

Languages/FWs: SQL, Python, C/C++, HTML/CSS, Java, Javascript/JQuery, UNIX/Bash, React, Django
Developer Tools: Git/GitHub, Microsoft Excel, VS Code, AWS, Netbeans, IntelliJ, Matlab

WORK EXPERIENCE

Pharmacy and Medical Clinic Assistant   June 2020 – Aug. 2023
Cedarbrae Medical Clinic and Pharmacy (Every Summer)   *Toronto, Ontario*
- Successfully communicated with many different types of patients, a key skill for collaborative work projects.
- Demonstrated strong organizational abilities in managing multiple tasks in a busy clinic, relevant for meeting project deadlines.
- Proven ability to uphold professional standards and practices in a fast-paced medical clinic, showcasing adaptability and commitment to quality work

CERTIFICATIONS AND AWARDS

AWS Certified Cloud Practitioner   May 2024 - May 2027
Issued by Amazon Inc.|Validation Number: 52388be1dbc24062af4c03ab8c6c2254   *Toronto, Ontario*

Norman Esch Awards Stage 1   April 2024
Issued by the Centre of Engineering Innovation and Entrepreneurship @ TMU   *Toronto, Ontario*
- Won a $5000 award for the design and prototype of a med-tech device.

PROJECTS

Pathfinding Visualizer | *Python, VSCode, Git*   Nov. 2023
- Developed an interactive pathfinding visualizer in Python using Pygame to demonstrate the A* algorithm in real time.
- Implemented A* search algorithm with efficient data handling using lists for sorting nodes and a dictionary for tracking the optimal path

Obstetrical Triage Queue Management System | *C++, Netbeans, Git*   Oct. 2023
- Develop a system to automate the admission and queuing of expectant mothers in obstetrical triage before they enter the birthing unit.
- Implement queue functionality to add patients to the end and process them chronologically, maintaining a FIFO service sequence.

Database Management System | *SQL, Oracle, Python/Django, UNIX Shell, Git*   Sep. 2024 - Nov. 2024
- Collaborated in a team to design and develop a DBMS for a Law Firm Case Management System.
- Engineered database schema and queries using Oracle SQL for real-time data management.
- Built Unix shell scripts for menu-driven database operations and demoed advanced SQL queries.
- Created a Python/Django-based UI to interface with the Oracle database, enhancing functionality and user experience.

Responsive Portfolio/Resume Website | *HTML/CSS, Javascript, React, VSCode, Git*   Nov. 2024
- Designed and developed a responsive resume website using HTML, CSS, and JavaScript, showcasing professional experience and skills in a clean, user-friendly interface.
- Built with React for modularity and deployed online, optimizing performance and ensuring cross-device compatibility.