Abul Hasan

**Computer Science Student
Software Developer**
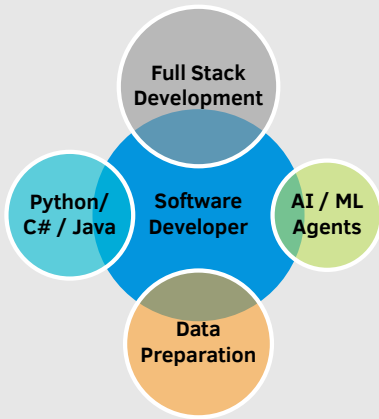
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Technical Skills ——

Overview

Programming

Python • Java • C#

JS • React • Dart • FireStore

MySQL • PostgreSQL • MongoDB

AWS • Docker • Selenium

Education ——

B.Sc., Computer Science
GPA: 3.63
Memorial University
2023 - 2027 | St. John's, NL

CS50 SQL Databases
Harvard University

Experience

Sept 2025 - Dec 2025	**Student Support Specialist (MUCEP)**	**CITL/EDI-AR Department @MUN**

- Resolved access issues
- Supported student-faculty in online courses.
- Invigilated exams, faster processing and smoother operations.
- Collaborated with the EDI-AR to support student equity initiatives.

Nov 2020 - Mar 2025	**Social Media Manager**	**Link to Personal Page(@Pinterest)**

- Planned, produced, and edited video projects.
- Scaled engagement to **1 million viewers per month**.
- Analyzed user engagement data to optimize content strategy.

Jul 2022 - Present	**Tutor / Operations Supervisor**	**Superprof / Zaheer Classes**

- Tutored to help students understand complex lessons.
- Performed counselling, logistics and payroll of staff.
- Helped in improving academic performance by over 25%.

Jan 2024 - Present	**Line/ Prep Cook**	**Jack Astor's Bar and Grill**

- Managed kitchen operations during high-pressure rush hours.
- Maintained health standards and ticket times under 15 minutes.
- Opened and closed the kitchen. Met the waste control guidelines.
- Executed inventory management and food cost control.

Technical Projects

Flutter/ GIT / Firebase	**MUN SkillSwap**	**Link to Repo(Group Project)**

- Engineered a barter skills learning app for MUN students
- Created Feed-post management, messaging and Video Calls.
- Implemented authentication, database, UI/UX, push notifications.

SQL/ DBMS / EDR	**Sales Analytics System**	**Link to Repo(Personal Project)**

- Designed a relational database (ERD).
- Tracking of customer interactions, sales and product performance.
- Generated business statistics for sales team management.

JS/ API / CSS	**Smart Weather App**	**Link to Repo(Personal Project)**

- Designed a Weather data app with location detection.
- Implemented a 5-day weather forecast with unit conversion.
- Accommodated responsive design, modern UI and error handling.

Java/ GIT / Java Swing	**KIVI Board Game**	**Link to Repo(Academic Group Project)**

- Developed a Yahtzee-inspired turn-based game.
- Engineered a computer AI opponent with easy and hard mode.
- Integrated three color-blind modes, 2 to 4 Player system and more

Achievements and Volunteering Experience

Amazon Robotics Hackathon (4th Place): **Oct 2025**
Implemented Dijkstra's algorithm for optimal pathfinding in a game simulation.

MUN Programming Club: **Sept 2025 - Dec 2025**
Solved brainstorming problems on Kattis and Leetcode to enhance coding skills.

Event Manager (MSA and CandleLight Concerts): **Feb 2024 - Jul 2025**
Coordinated logistics, security, execution and vendor management for large events.