

Abul Hasan

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TECHNICAL SKILLS

Languages

Python • Java • C# • JS

Databases

MySQL • PostgreSQL • MongoDB

Cloud

AWS • Docker • Kubernetes

Frameworks

Django • Flask • React • Flutter

Testing

Selenium • JUnit • Postman

EDUCATION

B.Sc., Computer Science

MEMORIAL UNIVERSITY
Grad 2027 | St. John's, NL
GPA: 3.63

AWS Cloud Practitioner

UDEMY
Jan 2026 | Online Course

CS50 SQL Databases

HARVARD UNIVERSITY
Nov 2025 | Online Course

INVOLVEMENT

MUN Programming Club

Sept 2025 – Dec 2025

- Solved real world problems on LeetCode and Kattis.
- Learned about data structures and algorithms.

Amazon Robotics Hackathon

October 2025

- Implemented Dijkstra's algorithm for optimal pathfinding.
- Game simulation with efficient navigation.

Event Manager

CANDLELIGHT CONCERTS
Feb 2024 – Jul 2025

- Developed event themes and concepts to ensure successful execution of events.
- Coordinated logistics and security for large events.
- Managed vendor relationships and event execution.

EXPERIENCE

Support Specialist

Centre for Innovation in teaching and learning

ST. JOHN'S, NL

Sept 2025 – Present

- Resolved 50+ technical access and authentication issues per week by diagnosing D2L, account, and permission errors.
- Collaborated with EDI-AR to implement equitable and accessible digital learning practices, supporting diverse student needs.
- Provided real-time technical support for online courses by troubleshooting Brightspace, exam delivery tools, and system configurations.

Tutor / Operations Supervisor

Superprof / Zaheer Classes

REMOTE

Jul 2022 – Present

- Explained complex topics in computer science and math concepts.
- Improved student academic performance by over 25%.
- Managed faculty and student data, logistics, payroll, and scheduling.

Line/Prep Cook

Jack Astor's Bar and Grill

ST. JOHN'S, NL

Jan 2024 – Present

- Managed kitchen operations and stations during rush hours.
- Implemented inventory management, food cost control and health standards.

TECHNICAL PROJECTS

AWS CI/CD Pipeline

EC2/S3/CODEPIPELINE/CODEARTIFACT

🔗 GitHub Repository (Personal Project)

Jan 2026

- Implemented infrastructure as code to provide VPC, EC2 instances, and S3 storage.
- Automated deployment and live production using AppSpec and build specifications.
- Automated CI/CD pipeline with AWS CodePipeline, CodeBuild, CloudFormation.
- Learned AWS CodeArtifact and CodeConnections for dependencies and GitHub.

MUN Skillswap

FLUTTER/GIT/FIREBASE

🔗 GitHub Repository (Academic Group Project)

Dec 2025

- Implemented feed-post management and real-time messaging.
- Engineered barter skills learning app for MUN students.
- Created video call functionality and push notifications.

Sales Analytics System

SQL/DBMS/ERD

🔗 GitHub Repository (Personal Project)

Nov 2025

- Tracked sales performance, customer interactions, and product sales data.
- Generated business statistics for team, management and products.
- Designed relational database with comprehensive ERD.

Smart Weather App

JSS/API/CSS

🔗 GitHub Repository (Personal Project)

Nov 2025

- Incorporated GPS location detection and responsive design with modern UI/UX.
- Reported current data: temperature, humidity, wind speed, pressure, visibility.
- Tested and incorporated API to generate 5-day weather forecast.

KIVI Board Game

JAVA/GIT/JAVA SWING

🔗 GitHub Repository (Academic Project)

Mar 2025

- Developed Yahtzee-inspired turn-based game with AI opponent.
- Implemented color-vision deficiency modes for accessibility.
- Engineered easy/hard difficulty modes with adaptive AI.