

Abeed Mulla

+1(437)-993-2915 | Halifax, NS | abeed.mulla@dal.ca | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Dalhousie University

Bachelor of Computer Science (Honours) (Co-op), CGPA: 3.45

Halifax, NS

Sep. 2022 – Sep. 2026

EXPERIENCE

Data Analyst

Mandovi Drydocks

May 2023 – Aug. 2023

Goa, India

- Analyzed operational and production data using **Excel and SQL** to support multiple shipyard reporting.
- Improved data accuracy and consistency by **20%** through data cleaning, validation, and structured analysis.
- Prepared detailed analytical reports for management, enabling **faster decision-making** across departments.

IT Support

Sian Technologies

Aug. 2021 – May 2022

Goa, India

- Resolved **30+ technical support tickets weekly**, troubleshooting hardware, software, and network issues.
- Provided **desktop support for 50+ users** on **Windows systems**, improving issue resolution time by **25%**.
- Assisted users with file management, email setup, and online tools, reducing repeat requests by **20%**.

Teaching Assistant

Dalhousie University

Jan. 2024 - Dec. 2024

Halifax, NS

- Supported **150+** students across **30+** lab sessions, contributing to a **20%** improvement in lab completion rates.
- Assisted with Java labs and assignments, helping reduce common coding errors by **25%** through guided debugging.

PROJECTS

InternTrack | React, Firebase, Tailwind, Vite, Vercel ([GitHub](#)) ([Live Demo](#))

- Built a **full-stack React** web application using firebase to track **50+** internship applications in real time.
- Implemented resume-job description keyword matching, improving resume relevance feedback by **30%** for users.
- Designed a **React dashboard** with application analytics, reducing manual tracking effort by **40%**.

Personal Portfolio Website | React, Vite, Tailwind CSS ([GitHub](#)) ([Live Demo](#))

- Built an interactive **single-page React portfolio** with smooth section navigation and project case-study views.
- Implemented dynamic UI features including **dark/light mode**, animated backgrounds, and responsive layouts.
- Designed a scalable component-based architecture using **Vite**, improving performance and maintainability.

StudentHub | Android, Java, Firebase, Room, MVVM ([GitHub](#))

- Built an **Android application in Java** to manage classes, assignments, and breaks for **100+** academic tasks.
- Implemented offline-first storage using **Room (SQLite)** with Firebase sync, improving app reliability by **40%**.
- Designed smart reminders and Pomodoro focus mode using **WorkManager**, increasing task completion by **30%**.

Custom HTTP Server & Reverse Proxy | Node.js, TCP Sockets, Networking ([GitHub](#))

- Built a **from-scratch HTTP server** using raw **TCP sockets** with manual HTTP request/response parsing.
- Implemented a **reverse proxy** with **round-robin load balancing** across **3 backend servers**.
- Designed request routing, health checks, and response forwarding, improving fault tolerance and backend isolation.

ACTIVITIES & COMPETITIONS

Dalhousie Programming Contest – Participant

Dalhousie University

Nov. 2025

Halifax, NS

- Solved algorithmic problems in a **2-hour, 5-question** contest under strict **no-internet** and **no-AI** constraints.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C, C++, SQL, HTML5, CSS3

Methodologies & Concepts: OOPs, Agile Methodologies, RESTful Design, Data Structures & Algorithms

Databases: MySQL, Oracle RDBMS, Firebase Firestore, Postgres

Developer Tools: Git, GitHub, Linux, Android Studio, Postman, Wireshark, Tableau, MS Office

AI Tools: Microsoft Copilot, GitHub Copilot, ChatGPT-5, Google Gemini, Claude

Interpersonal Skills: Critical Thinking, Problem-Solving, Agile, Data Driven, Communication, Team Collaboration