

# Malhar Datta Mahajan

Halifax, NS | +1 (902)-448-9757 | [ml575444@dal.ca](mailto:ml575444@dal.ca)  
[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## SUMMARY

Computer Science (Co-op) student with hands-on experience working with **data analysis, reporting, and data-driven systems** across academic, operational, and project-based environments. Strong foundation in **data quality, structured analysis, and documentation**, with experience extracting, transforming, and summarizing data using **SQL, Python, and Excel**. Known for attention to detail, clear communication, and translating raw data into reliable insights that support decision-making.

---

## TECHNICAL SKILLS

**Data Analysis & Reporting:** Data cleaning, validation, aggregation, trend analysis, ad-hoc reporting, metric definition, summary tables, pivot tables, basic visualizations

**Data Tools & Languages:** SQL, Python, Excel (advanced formulas, pivots, charts, data validation), dashboards, structured datasets

**Data Management & Process:** Data quality checks, documentation, data dictionaries, reporting controls, governance awareness, repeatable workflows

**Collaboration & Work Practices:** Stakeholder communication, ticket-based workflows, prioritization, independent execution, cross-functional collaboration

---

## WORK EXPERIENCE

### Classroom Technologies Support — Dalhousie University

Sept 2025 – Present

Halifax, NS (On-site)

- Provided front-line IT support in live classroom environments, troubleshooting A/V systems and connectivity while documenting and resolving service tickets.

### Worship — Backend Team Lead (Volunteer), Remote

May 2025 – Dec 2025

Java | Spring Boot | MongoDB | AWS

- Designed and developed **30+ user-facing API endpoints** using **Java and Spring Boot**, supporting structured data flow across services.
- Analyzed logs and system behavior to validate data consistency, documented processes, and supported controlled updates to improve reliability and traceability.

---

## PROJECTS

### Full Stack Developer (Next.js 15, TypeScript, Prisma, Neon Postgres, Groq)

May 2025 – Present

**BullishAI — AI-Powered Stock Research & Analysis Dashboard** | [Live](#) | [GitHub](#) | [Demo](#)

- Built analytics dashboards and reporting views over large datasets (**10,000+ stock tickers**), transforming raw market data into structured, decision-ready insights.
- Optimized queries and reporting workflows, improving aggregation efficiency and responsiveness by approximately **30%** while maintaining data accuracy.

### Game Developer (Unity, C#, Rigidbody Physics, Git LFS)

Feb 2025

**Urban SWAT Platformer — 3D Third-Person Action-Platformer** | [Play](#) | [GitHub](#)

- Implemented and tested gameplay systems using structured debugging and iterative testing to improve stability and performance.

### Full Stack Developer (React 18, Redux, Shazam Core & Spotify APIs)

Jan 2025 – Apr 2025

**FlexBeats — Music Streaming Web App (Spotify 2.0 Clone)** | [Live](#) | [GitHub](#)

- Integrated multiple external APIs and analyzed data flows and user behavior, improving reliability through state validation and structured debugging.

---

## EDUCATION

**Dalhousie University**, Halifax, NS

Winter 2023 – Winter 2027 (Expected)

Bachelor of Computer Science (Co-op)