

Malhar Datta Mahajan

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[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)