

Malhar Datta Mahajan

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SUMMARY

Computer Science (Co-op) student passionate about building reliable, user-focused software applications. Experienced in designing, developing, and testing web and backend systems using **C#, Java, and JavaScript** across the full software development lifecycle. Strong collaborator with experience working in **Agile teams**, translating requirements into technical solutions, and delivering maintainable, well-documented applications.

TECHNICAL SKILLS

Operating Systems & Platforms: Windows 10/11, macOS, Linux, Microsoft 365

Programming & Web Technologies: C#, Java, JavaScript, HTML5, Python, SQL (foundational)

Web & Application Development: Web applications, REST APIs, MVC concepts, client-server architecture, debugging, testing

Development Practices & Tools: Git, GitHub, Visual Studio, Agile/Scrum, technical documentation, cross-team collaboration

WORK EXPERIENCE

Classroom Technologies Support — Dalhousie University

Sept 2025 – Present

Halifax, NS (On-site)

- Supported live service delivery by troubleshooting technical issues under time constraints and coordinating with faculty and technical teams.
- Documented issues and resolutions while following structured support and escalation processes.

Backend Team Lead (Volunteer), Worship — Church Streaming Platform

May 2025 – Dec 2025

Java | Spring Boot | MongoDB | AWS | Agile

Remote

- Led backend development using **Java and Spring Boot**, designing and maintaining **30+ REST API endpoints** for authentication, media delivery, scheduling, and user interactions; deployed and supported services on AWS.
- Coordinated a small backend team in an **Agile** environment, collaborating with front-end and non-technical stakeholders to deliver reliable production services.

PROJECTS

Full Stack Developer (Next.js, TypeScript, Prisma)

May 2025 – Present

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

- Designed and maintained analytical web dashboards using large-scale financial datasets (**10,000+ stock tickers**), applying MVC-style patterns to identify trends and performance metrics.
- Automated reporting workflows and optimized queries, improving data aggregation efficiency and reporting performance by approximately **30%**.

Game Developer (Unity, C#)

Feb 2025

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

- Developed core application logic in C#, implementing state management, event-driven workflows, and physics-based interactions while debugging performance to ensure responsive real-time behavior.

Full Stack Developer (React, Redux)

Jan 2025 – Apr 2025

FlexBeats — Music Streaming Web Application | [Live](#) | [GitHub](#)

- Built responsive web features by integrating multiple external APIs and optimizing client-side state management.

EDUCATION

Dalhousie University, Halifax, NS

Winter 2023 – Winter 2027 (Expected)

Bachelor of Computer Science (Co-op)