

Caleb Morrison

calebmorr19@gmail.com • 902-824-1187

Halifax, NS B3S1M5 • [LinkedIn](#) • [Portfolio](#)

Software Engineer Profile

Tech-savvy, dynamic, and results-driven professional with extensive expertise in full-stack development, system optimization, and metadata automation within diverse, fast-paced environments. Proven track record in developing high-performance web applications and backend systems using Java, Spring Boot, JavaScript, Node.js, TypeScript, AngularJS, and Hibernate. Skilled in software quality assurance, operational continuity during technical transitions, and delivering reliable solutions for enterprise clients. Demonstrated a strong background in API integration, data validation, and automation to support real-time broadcasting requirements. Adept at building reusable, visually dynamic front-end components, and resolving scheduling inconsistencies through Java-based automation.

Technical Proficiencies

Languages: Java, JavaScript, AngularJS, HTML, CSS, and Typescript

Technologies: SQL, NodeJS, AWS, Rest API, Linux, Git, Jira, Agile, and Scrum

Areas of Expertise

- Software Lifecycle Management
- Enterprise Software Solutions
- Innovation & Process Improvement
- Web Application Architecture
- Software Debugging & Troubleshooting
- Deadline-Driven Execution
- API Development & Testing
- Team Collaboration & Mentorship
- Technical Documentation

Professional Experience

Gracenote | Halifax

August 2021 – May 2025

Software Developer 1 | September 2022 – May 2025

Contributed to the launch of NBC's Olympic digital presence by crafting interactive, visually optimized front-end components aligned with scalable and performance-driven architecture. Optimized a Spring Boot Java application to efficiently manage live and scheduled television channel metadata accessed by enterprise-level client solutions. Led knowledge transfer and technical immersion for incoming developers during restructuring phases to promote operational continuity and team adaptability.

- Designed dynamic web-based applications and backend systems to streamline input, validation, and distribution of sports metadata across high-profile media platforms using JavaScript, Java, Hibernate, AngularJS, TypeScript, and NodeJS.
- Rebuilt two JavaScript/Node.js applications within a one-week deadline by transitioning from legacy Kapow Robots scrapers to external API integrations, ensuring accurate and timely sports data verification ahead of college playoffs.
- Developed a Java-based solution to automatically detect and resolve scheduling overlaps and gaps occurring before generic channel days while streamlining ingestion workflows and saving channel editors an estimated 1,000 hours per month.

Quality Analyst | August 2021 – September 2022

Conducted quality assurance reviews on sports metadata covering major North American leagues such as the NBA, NFL, MLB, and NHL to uphold data integrity prior to external release. Facilitated the distribution of dependable, media-ready content to top-tier broadcasting and digital media partners by maintaining rigorous data validation standards.

- Verified and published data for hundreds of NCAA March Madness playoff games by collaborating with a small team to cross-check editor inputs against source data, ensuring timely and accurate delivery to clients.
- Audited and validated critical datasets, including team rosters, box scores, schedules, standings, and injury updates for uniformity and precision across publishing platforms.

Education

Bachelor of Science in Computer Science | Saint Mary's University, Halifax, NS