Joshua Tabazi

| joshuatabazi12@gmail.com | linkedin.com/in/joshua-tabazi | https://github.com/josht007

EDUCATION

Carleton University — Ottawa, ON
Bachelor of Computer Science Honours — *Expected Graduation: May 2027*

- **Specialization:** Software Engineering - Co-op Education Stream
- **Achievements:** Chalmers Jack MacKenzie Scholarship
- **Relevant Courses:** Algorithms and Data Structures, Introduction to Software Engineering, Fundamentals of Web Applications, Database Management Systems, Introduction to Statistical Modeling, Introduction to Systems Programming

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS, C++, SQL
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Github
Soft Skills: Problem-Solving, Teamwork, Communication Skills, Adaptability, Time Management

EXPERIENCE

QA Automation Engineer — Sept 2025 – Dec 2025
Global Affairs Canada (GAC) — *Ottawa, ON*

- Developed and maintained automated test scripts using **Java**, improving regression test coverage by **30%** within an Agile (Scrum) environment.
- Executed **20+** manual and automated test cases per sprint, identifying, logging, and tracking defects in **Azure DevOps**.
- Utilized **Git** for version control (branching, merging, code reviews), contributing to faster issue resolution and improving team deployment efficiency by **15%**.
- Collaborated cross-functionally with developers, QA analysts, and business analysts to validate requirements and ensure on-time delivery of **mission-critical government software**.

Technical Analyst — May 2025 - August 2025
RCMP — *Ottawa, ON*

- Manage and document **20+** daily service requests, streamlining operations and enhancing user satisfaction by **15%** through efficient issue resolution and documentation processes.
- Troubleshoot and resolve **25+** user requests daily via phone and email using a ticketing system, escalating **10%** of complex incidents to higher-level support for resolution.
- Support high-volume, **24/7** help desk operations, handling **30+** inquiries per shift while maintaining a **90%** customer satisfaction rate and adhering to RCMP's security protocols.

PROJECTS

NBA Team Information API | *Spring Boot, PostgreSQL*

- Architected and developed a scalable backend service using Spring Boot, handling **100+** requests per day for comprehensive data on **30** NBA teams.
- Engineered a high-performance REST API using Spring Boot, capable of processing **20+** requests per second for NBA team information with **99.9%** uptime.
- Optimized PostgreSQL database schema for NBA teams data, improving query performance by **20%** and ensuring scalability for future expansion.

AuthDemo2 Web Application | *JavaScript, Deno, SQLite*

- Engineered AuthDemo2, leveraging Deno's built-in security features to prevent **50%** more common vulnerabilities compared to traditional Node.js solutions.
- Implemented secure user login functionality with multi-factor authentication and JWT-based session management, reducing unauthorized access attempts by **30%**.
- Optimized SQLite database integration, achieving **25%** faster data retrieval for user accounts and submissions while maintaining data integrity.