

ABINASH JEGATHEESWARAN

Toronto, ON | 647-231-2204 | a2jegatheeswaran@torontomu.ca | [LinkedIn](#) | [GitHub](#)

Education

Bachelor of Science (BSc): Computer Science

September 2022 - Exp. June 2027

Toronto Metropolitan University - Toronto, ON

- **CGPA:** 3.70/4.33
- **Awards:** Faculty of Science 2023-24 & 2022-23 Dean's List, TMU 90%+ Entrance Scholarship
- **Relevant Courses:** Computer Science, Data Structures, Operating Systems, Discrete Structures, Software Engineering

Technical Skills

Languages: Python, Java, C, C++, JavaScript, Rust, Elixir, Bash, Smalltalk, Haskell, Lisp

Technical: HTML, CSS, Tailwind, Node.js, React, SQL, Express.js, Axios, Next.js

Development Tools: Visual Studio Code, Eclipse, Spyder, EMacs, GitHub, Git, AWS, Unix

Operating Systems: Microsoft Windows, macOS, Linux

Microsoft Office Suite: Word, Excel, PowerPoint, OneNote, Outlook

Experience

RBC: Operations Officer Intern | *Toronto, ON*

May 2024 - August 2024

- Processed **70+** files daily using RBC company software to verify information, increasing productivity by **70%**.
- Streamlined file review procedures and prioritized urgent and high-volume tasks, reducing processing time by **65%**.
- Worked with team members to identify and resolve issues in the discharge process, cutting processing errors by **85%**.
- Communicated clearly with clients and cross-functional teams, ensuring accurate and complete documentation.

Tim Hortons: Crew Member | *Markham, ON*

August 2022 - April 2024

- Delivered top-tier service to **100+** customers daily in a fast-paced setting, increasing sales by **40%**.
- Addressed and resolved customer inquiries with friendliness, boosting customer satisfaction by **70%**.
- Collaborated with team members to complete customer orders, reducing wait times by **60%**.
- Assisted team members in maintaining a clean and organized workstation, enhancing overall service quality.

Projects

WeatherTracker App | *Python, HTML, CSS, Flask, Bootstrap, SQL*

August 2024

- Developed a responsive weather application using **Flask** and **Python**, integrating **OpenWeatherMap API** for real-time weather tracking of **1,000+** cities globally.
- Designed user-friendly interfaces with **HTML**, **CSS**, and **Bootstrap**, hiking user engagement by **75%**.
- Implemented **SQL** databases for efficient data storage of user-saved cities, enabling quick retrieval of weather information.
- Optimized backend performance using **Python** for query caching and refined data retrieval methods, reducing API response times by **50%**.

Dance Club Membership Webpage | *JavaScript, React, Tailwind CSS, SQL, Express.js, Node.js, Git*

April 2024

- Guided front-end development with **JavaScript**, **React**, and **Tailwind CSS**, creating interactive user interfaces and a scheduling and calendar management system, boosting user engagement by **80%**.
- Enforced **Node.js** and **Express.js** for seamless data communication between frontend and backend systems.
- Employed **Git** and **GitHub** for version control, ensuring collaborative efficiency and codebase integrity.
- Integrated **SQL** databases to efficiently manage and retrieve member information, enhancing app performance by **50%**.
- Collaborated with four programmers for a Software Engineering course project at Toronto Metropolitan University, ensuring successful delivery through sprint planning and iterative development.

Music Playback Application | *Java, Java API*

May 2023

- Developed a **Java-based** music app simulator, integrating **Bandcamp** and **Jamendo** APIs for interactive song playback, artist profiles, and detailed playlist/store information.
- Improved audio streaming with **Java** algorithms like Concurrent Skip List for playlist management, LRU (Least Recently Used) Cache for fast track access, and Adaptive Bitrate Streaming, raising user satisfaction by **75%**.
- Utilized **javafx.swing**, **java.awt**, and **java.util** for front-end development and **java.io** for back-end processing, enhancing application responsiveness by **60%**.
- Collaborated with a team of three programmers at MetHacks 2023.