

Christian Garcia Flores

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Highlights of Qualification

Full-Stack & Backend Development: Experience building applications using C#, ASP.NET Core, Python, and JavaScript

Database & Data Handling: Strong experience and with SQL and NoSQL-style storage, including CRUD operations, data modeling, and local/remote data synchronization.

API & Integration Development: Hands-on experience designing and creating RESTful APIs, integrating frontend and backend systems, and working with JSON-based data workflows.

Technical Skills

- Postgres, Supabase, MySQL, SQLite, NOSQL
- Agile, TDD, RESTful API Development, MVC
- Jira, Github, Notion, Selenium, Junit, Figma
- Python, Java, C#, JS, React, Bash
- English, Spanish

Relevant Experience

Front-end Developer — Husky Hack —MLH Hackathon

- Collaborated with a small development team to design and build a web application using Next.js, React, Tailwind CSS, and Node.js.
- Conducted quality assurance testing to identify and resolve bugs prior to deployment to the development environment.
- Utilized Git for version control, working with feature branches and issue tracking to enable efficient parallel development across the team.

Python Backend Developer — George Brown Polytechnic.

- Developed real-time computer vision solutions using Python and OpenCV to detect and track faces, enabling AI-driven home automation workflows and intelligent system responses.
- Integrated backend services with APIs, ensuring reliable data exchange, robust error handling, and comprehensive logging for monitoring and debugging
- Implemented unit testing frameworks to support regression testing, improving code reliability, maintainability, and overall system quality.

Full Stack Developer — George Brown Polytechnic.

- Developed an ASP.NET Core MVC event planning web application hosted on Microsoft Azure, integrating Azure Active Directory for secure user authentication and access control.
- Designed and managed relational database structures, implementing efficient CRUD operations and optimized SQL queries for event, user, and scheduling data.
- Ensured secure database interactions through parameterized queries, input validation, and sanitization to prevent SQL injection and maintain data integrity.
- Improved backend performance by refining query logic, applying indexing strategies, and maintaining transactional consistency across database operations.

Work Experience

Audio Visual Assistant II —University Health Network.

Feb. 2025 – Current

- Designed and developed internal team website.
- Consulted on technical aspects related to software usage and suggested possible solutions to issues currently encountered.

Front-end Developer — The Cloak Collective.

Jul. 2023—May.2024

- Designed and developed a client-focused website, translating requirements into functional and user-friendly features.
- Continuously maintained and optimized the codebase to improve performance and ensure long-term stability.

Audio / Visual Technician — Hart House UofT.

Jan. 2023 – Current

- Coordinated technology setups for events with up to 400 attendees, handling time constraints and meeting client expectations.
- Created simple scripts to automate conversion of files and distribution of deliverables.

Packer — University of Toronto Press.

Aug. 2022— Sept.2022

Stage Technician — Oshawa Little Theatre.

2013—2023

Mystery Shopper (Service Review Agent) — Wright Field Marketing

Jul.2017—Aug.2017

Education

George Brown Polytechnic — Toronto, Ontario

Sept. 2023 – April.2027

Computer Programming and Analysis Adv. Diploma

Deans Honour List Every Semester

3.8 Average GPA