

DIEGO MELGARA

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📄 www.linkedin.com/in/diego-melgara 🌐 <https://github.com/dmelgara> • Portfolio: <https://diegomelgara.com>

SUMMARY

Aspiring software developer with a strong foundation in programming, web development, and database management, complemented by exceptional problem-solving and teamwork skills. Enthusiastic about contributing to innovative solutions and collaborating with teams to deliver results. Reliable, driven, and eager to grow within the tech industry.

HIGHLIGHTS OF QUALIFICATIONS

Languages: English, Spanish

- **Experienced in Full Stack Development:** Proficient in developing dynamic web applications using HTML, CSS, JavaScript, PHP, and Bootstrap for responsive and user-friendly interfaces, coupled with server-side logic.
- **Strong Foundation in Object-Oriented Programming (OOP):** Skilled in designing modular, scalable, and reusable code using Java, C#, and Python.
- **Database Management Expertise:** Well-versed in database theory and implementation, with hands-on experience in SQL and MySQL for designing, querying, and optimizing relational databases.
- **Software Quality Assurance and Testing:** Proficient in testing and ensuring software quality using Java-based testing frameworks and methodologies.
- **Proficiency in Web Technologies:** Advanced knowledge of client-side scripting and frameworks like JavaScript, CSS, and HTML, ensuring seamless user experiences.
- **Network Fundamentals:** Knowledgeable in basic networking concepts and system integration, ensuring seamless application connectivity.

EDUCATION

Computer Systems Technology - Software Development (559)

Jan 2023 - Present

Mohawk College, Hamilton ON | Expected Graduation: December, 2026

- Currently in 4th Semester

TECHNICAL SKILLS

- | | | | | |
|---------------------|--------------|-----------------|---------------|-----------------|
| • <i>Java</i> | • <i>C#</i> | • <i>Python</i> | • <i>CSS</i> | • <i>GitHub</i> |
| • <i>Javascript</i> | • <i>PHP</i> | • <i>MYSQL</i> | • <i>HTML</i> | |

PROJECTS

- To-do App** • Designed and implemented a task management web application using HTML, CSS, and JavaScript for the frontend and PHP for backend functionality.
- Weather app** • Building a Python application to fetch real-time weather data from APIs, using HTTP requests and JSON parsing. Implemented error handling and modular design to ensure efficiency and reliability.

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900) – In Progress
(Expected Completion: March 2025)

WORK EXPERIENCE

- **Waiter** | Mal Vicho, Mexico | April 2023 - August 2023
 - Developed problem-solving, time management, and teamwork skills in a fast-paced restaurant environment.
 - Gained experience with point-of-sale (POS) systems, and strengthened adaptability and communication by collaborating with my team and addressing customer needs.
- **Freelance DJ (On-Call)** | Self-Employed | January 2022 - August 2023
 - Negotiated performance terms with clients and venues, ensuring satisfaction and long-lasting relationships
 - Developed strong public speaking, problem-solving, and organizational skills through event management and client interactions.