

Jeiberth Malagon

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PROFILE

Passionate about technology with experience in multiple programming languages with a strong foundation in Object Oriented Programming (OOP). Equipped with analytical skills for data interpretation, an eye for design and user experience, and server-side programming skills for project development. Committed to continuous professional growth, ready for work and learn through tasks and driving innovation in systems architecture, data structures, and algorithm optimization.

SKILLS

- Operating System Knowledge
- AWS
- SQL Server
- Git
- CSS HTML
- JS, React
- Communication
- Problem-solving
- Critical thinking
- Time management
- Analytical Thinking
- Teamwork
- Continuous Self-Learning
- English, Spanish / Advanced
- French / Basic-Intermediate
- Agile methodologies

EDUCATION

Computer Science
Vanier College
Montreal, QC

AI Accelerator
Dawson College
Montreal, QC

Service Excellence for Business
ILAC – International College
Toronto, ON

Technician administrative assistance
SENA - Servicio Nacional de Aprendizaje
Bogotá, Colombia

PERSONAL PROJECTS

Web Development & Game Design (January 2024 - Present)

- **Personal Website:** Developed a responsive, user-centric website using **HTML5**, **CSS3**, **PhpMyAdmin**, **PHP**, and **ES6 JavaScript**. Applied **SEO** and accessibility best practices. Included an **API** and API documentation for querying personal details and advice.
- **Pixel Paws Game:** Created an interactive game using HTML5, CSS3, **Photoshop**, and JavaScript, incorporating sprite movements, **audio effects**, CSS animations, and image manipulation.
- **Game Shop:** Enhanced with AWS Amplify for seamless front-end integration and API Gateway HTTP for robust server-side operations. Integrated Swag for data management and Stripe for secure payments. Implemented GET, POST, and PUT methods for a dynamic and responsive online store experience.

Android App Development (February 2024 – July 2024)

- Developed an Android application using **Android Studio** and **Java**.
- Utilized **Firebase** for database management, **Glide** for image loading, and implemented **fragments** for **UI** sections.
- Added real-time chat, user ratings, and enhanced matching algorithm.

Transaction Messages Interpreter (January - February 2024)

- Engaged in a Java project centered on ISO 8583, gaining insights into payment gateways, transaction authorization, credit card processing, and secure payment protocols.

Library Project (January - April 2024)

- Architected and executed a **RESTful web service** for a library system using **Jakarta EE**. Created RESTful and SOA **APIs**, using **JSON** and **XML** for data interchange. Deployed and tested web services using **Postman** and created a **web client** to consume these APIs.

Eye Bank Desktop Application (September - December 2023)

- Developed a financial desktop application using **Visual Studio 2022**, **C#**, **ASP.NET**, and **SQL Server**. Designed UI with **WPF**, providing transaction history, fund transfers, and account access.

Leadership in War Hacks Canada (January 2023)

- Spearheaded strategic planning initiatives in cross-functional teams, demonstrating a deep understanding of Object-Oriented Programming (**OOP**) principles. Leveraged inheritance and polymorphism to create modular and reusable code.