

# Milton Xavier Sarmiento Cornejo

Long Island City | mxsarmiento@live.com | (917) 684-1338

[linkedin.com/in/mxsarmiento](https://www.linkedin.com/in/mxsarmiento) | <https://github.com/dxavsoul> | [mxsarmiento.brainsolutions.nyc](https://mxsarmiento.brainsolutions.nyc)

## SUMMARY

- 20+ years of experience in systems design and development, implementation and support of technical projects and programs
- Excel at strategic planning, building high-performance teams, multiple projects management, vendor management, best-practice methodologies implementation, and continuous improvement programs
- Expert in developing scalable and sustainable processes and tools to drive the efficiency, output and integrity of the data for financial decision-making
- Led and coordinated cross-functional activities between diverse teams (Software Developers, Quality Assurance, Managing and Legal) deployed in global projects
- Leveraged areas of expertise where I teach about them to deliver high-quality results and enhance app satisfaction
- Motivated by the challenge of creating value for clients, and product owners, while adhering to the highest standards of ethics and compliance.
- A self-starter and problem-solver who is passionate about the power of data and the next cutting-edge technologies.

## AREAS OF EXPERTISE

- Continuous process improvement.
- People management and development.
- Product design.
- Agile project management.
- Technical program management.
- Technical requirements and needs assessment.
- Business analysis.
- Software/data engineering.
- SDLC.
- Cloud migration.
- Technical support for remote and on-site business operations.
- Cost and budget planning.

## PROFESSIONAL EXPERIENCE:

**Senior Software Developer, Owner**  
Brain Solutions LLC, New York, NY

11/2022 – Present

## Accomplishments and Projects:

### IT Services:

- Provide comprehensive computer repair services and implement robust networking solutions.
- Develop innovative solutions to transform single-user software into multi-user environments, enhancing productivity and resource utilization.
- Design and maintain scalable infrastructure to facilitate seamless outsourcing of customer operations to strategic locations such as Ecuador, Colombia and Chile.
- Create and maintain professional websites.
- Offer consultation on leveraging digital services, including email systems and web hosting, to maximize online presence and operational efficiency.
- Implemented VPN technologies for secure on-premises information access

### Creating an app for taxi bases:

- Utilized advanced tools like GitHub Copilot to expedite app development, enhancing productivity and code quality.
- Built a robust backend using Java and Spring Boot, ensuring scalability and performance.
- Developed React-based admin interface
- Created a cross-platform mobile app using Flutter, incorporating the GetX library for efficient state management and seamless user experience.
- Employed PostgreSQL for structured data management and Firebase for real-time data synchronization, optimizing data handling capabilities.
- Implemented the WhatsApp API to facilitate ride requests, coupled with Llama 3.2 LM for natural language processing to streamline communication and automate ride dispatching.
- Utilized cloud services (Azure, AWS, ) and containerization (Docker) for efficient application deployment.

**Accomplishments and Projects:**

**Web and Mobile Application for e-commerce:**

- Assisting in finalizing and adapting the design proposed by the designer for both web and mobile platforms. The application utilized GetX for state management, where I enhanced the handling of routes. This optimization process improved resource loading efficiency by ensuring only necessary resources were called and by creating new components to enhance user experience while leveraging pre-loaded resources whenever possible.
- Revamping most of the mobile application to match the proposed design, improving visuals, and creating new components for efficient use of in-memory resources, enabling responsive user-side queries.
- Integrating new functionalities into the administrative section of the application, which was developed using Flutter Bloc.

**Accomplishments and Projects:**

**Client-Server application for Taxi Base working with DOH of New York City:**

- Developed ideation, strategy and early-stage implementation of the technical platform for the taxi base startup with a mission to help businesses grow through getting all trips from Medicaid and other insurance partners, showing fast and quickly to dispatches, and to drivers to achieve excellent customer services and get more efficient trips to have a livable income every week
- Designed and developed and management software to all driver information, planning and forecasting future trips that the system has.
- Used MS Azure, C#, Flutter and Firebase to generate P&L and conduct cash flow analysis processes in the system
- Created an automated processing system to get trips every certain time using Azure Web Jobs.
- Automated invoice review weekly trips reconciliation processes to achieve 25% cost savings and loss avoidance.
- Led debugging efforts by analyzing problems and errors. Prepared technical information system project plans, by identifying milestones, and assigning tasks and due dates. Ensured efficient monitoring and health of the projects

**Create an app for delivery cloud-based solution utilizing MS Azure and AWS:**

- Use Jira connected with Trello and GitHub to maintain the schedule the different tasks.
- Get all the requirements to work as a delivery app in Ecuador creating a secure transaction between banks and some Deli Store bank to establish job dependencies and log monitoring.
- Demonstrated ability to deal with ambiguity when the requirements are vague or unclear by creating a strategy adaptable the state of features undergoing early design and development.
- Allocated and managed operational resources efficiently including people resources, budget and contracts
- Collaborated with the Software Development team on test plan creation and continuous update of requirements based on each sprint's feature updates
- Responsible for integrity and quality of technical deliverables by testing and execution of code in .NET environment. Also maintain all the servers that we had in Azure and AWS in containers.

**Accomplishments and Projects:**

As Billing Manager at Safe Ride Dispatch, the role involved overseeing claims submitted to the New York State Department of Health, proactively addressing any issues that arose concerning rides provided by drivers. Key responsibilities included ensuring all driver documentation complied with TLC and WCTLC regulations. Additionally, the position required confirming that drivers received compensation during weekends and maintaining open communication with customers, clinics, and hospitals to evaluate driver suitability for their roles.

**Achievements:**

- Have been promoted from dispatcher role in to billing manager and CTO.
- Provided technical lead to the Front Office and collaborated with clinics, customers, drivers and New York State DOH people

- Managed Software development team to support front office (FO)-middle office (MO) dispatcher booking with drivers
- Handled the migration from an Spanish taxi Software legacy to a portfolio management tool ASP.NET MVC platform resulting in 80% Total cost of ownership (TCO) savings.
- Built collection of APIs to communicate with Medanswering to get all trips the customers and Medicaid sent to the company.
- Developed APIs for integration with healthcare systems, increasing revenue by 55%.
- Implemented pricing mechanisms for trips resulting in a 55% revenue increase.
- Used of Firebase to get a real-time information about drivers where they are located or if they are occupied which has resulted in an accurate way to communicate with drivers that are closer to the customer to take trips
- Worked with multiple vendors to assess the integration with Medanswering and Modivcare
- Managed data to report compliance with WTLC and TLC.

## Senior Developer

Virtual Info S.A

02/2011 – 01/2017

Cuenca, Azuay, Ecuador

### **Accomplishments and Projects:**

As the lead developer, I spearheaded the comprehensive enhancement of logistics, workshop operations, sales, and parts management systems for one of Ecuador's largest automotive companies, representing prestigious brands such as Ford, Hyundai, and Volkswagen.

### **Achievements:**

- **Integrated Web Services:** Designed and implemented web services to seamlessly connect all business processes, creating a cohesive operational ecosystem.
- **Robust Backend Development:** Engineered a secure backend system to manage user authentication and authorization, ensuring data integrity and access control.
- **Innovative Printing Solution:** Leveraged Signal-R technology to develop a Google Cloud Print-like system, optimizing printing capabilities for the numerous tablets used in sales and workshop areas.
- **International Data Transmission:** Created specialized software for efficient transmission of sales data to Hyundai's South Korean headquarters, facilitating real-time global reporting.

**Technology Leadership:** Served as the primary instructor for weekly technology training sessions, focusing on:

Explaining the intricacies of our platform's architecture and functionality

Outlining future development roadmaps

Teaching Object-Oriented Programming (OOP) principles to enhance team skills

This role showcased my ability to drive technological innovation, manage complex systems, and lead educational initiatives in a fast-paced, multinational automotive environment.

## TECHNICAL SKILLS

**Databases:** MSSQL, Oracle, PostgreSQL, Firebase, MongoDB, MySQL.

**Programming:** Java, Dart, C#, VBA, SQL, MS Visual Studio, .NET Framework, Javascript, React, Spring Boot, Python for AI, PHP.

**Cloud computing:** Azure, AWS environment, GCP Google Cloud Platform, Swagger, SOAP/JSON payload, REST Apis, Web Services, Postman, SOAP/JSON payload.

**Tools:** Docker, Kubernetes, JIRA, GitHub, Confluence.

**Project Management:** Agile/Scrum Methodology.

**Productivity tools/Testing/Reporting:** SSRS, Power BI, Pentaho, Odoo

**Additional Skills:** Analytical and quantitative skills.

**OS:** Linux, MacOS, Windows.

## EDUCATION

**Certificate** in Cyber Security CompTia, CUNY LaGuardia Community College, Long Island City, New York

**Advance** in ESL Education. CUNY LaGuardia Community College, Long Island City, New York

**Engineer** in Software Engineer, Universidad Israel, Quito Ecuador.

## ACHIEVEMENTS

- Promoted from dispatcher to CTO, demonstrating leadership and technical expertise.
- Led cross-functional teams in global projects, improving collaboration between diverse departments.
- Implemented cutting-edge technologies resulting in significant cost savings and revenue increases.