

Gabriel Alonso Burrola Lopez

.NET Full Stack Developer

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<https://github.com/MigraDJ>

SUMMARY

Experienced .NET Full Stack Developer with over 16 years of expertise in software development, specializing in both State Government and private sector projects. Skilled in leading teams and overseeing full project lifecycles, from systems migrations (e.g. .Net Framework 3.0 to .NET 10.0) to building new applications from scratch. Proficient in C#, MSSQL Server (2008-2022), Oracle 19c and Windows Server IIS (2008-2022). Front-end experience with HTML, Razor/Blazor, Bootstrap, jQuery and AJAX, along with Webforms (ASPX) and MVC. Key achievement includes significantly reducing support request by enhancing UI/UX for better user interaction and delivering projects on time.

CAPABILITIES

Architecture and development of web applications built in MVC, Blazor, Javascript / jQuery, AJAX, HTML 5, CSS 3 and Bootstrap 5 with .NET ecosystem. | Architecture and development of server applications for IIS in Windows Server and SQL Server for databases. | Processes involving requirements gathering, iterative design, prototyping, and development, project management, documentation, and training.

TECHNICAL SKILLS

SQL Databases (MSSQL, Oracle, MySQL, MariaDB) | ASP.NET and .NET Core for Web | .NET Framework for Desktop and Web | EntityFramework and EntityFrameworkCore for ORM (up to version 10.0) | MVC | Clean Architecture | SOAP and REST APIs | C# and LINQ | Bootstrap up to 5.3 for CSS and jQuery for JS at front-end. | JWT | DevExpress | Git/Github | NuGet | MSTest and xUnit | GitHub Copilot AI, Junie AI (JetBrains), Claude Agents | Blazor (JSInterop, JSRuntime).

PROFESSIONAL EXPERIENCE

.NET Full Stack Developer | Apex Systems as Consultant | Remotely

Apr 2025 – Apr 2026

Development of new or existing applications for Apex's partners (currently JM Family):

- Delivered and enhanced enterprise-grade applications for Apex partners, including **JM Family**, contributing to the modernization and stability of core business platforms.
- Implemented secure cloud-native solutions using **Azure roles, containerization, Key Vault secrets, and GitHub-based CI/CD pipelines**, improving deployment reliability and security compliance.
- Developed and refactored **Blazor backend components** using **C#, .NET 8–10, LINQ, and NuGet**, improving code maintainability and reducing technical debt across existing repositories.

- Integrated data pipelines between **Azure SQL Server** and **Dynamics 365**, enabling accurate and reliable data synchronization for downstream business processes.
- Authored and maintained **.liquid, .bicep, YAML, and Helm configuration files**, supporting infrastructure-as-code practices and consistent container deployments across environments.

.NET Full Stack Developer | as Freelancer | Chihuahua MX Dec 2021 – Apr 2025

Developed a web POS/CRM/ERP system tailored for gas stations and fuel companies. This entrepreneurial project involved the following technologies:

- Designed and delivered a complete **POS/CRM/ERP web platform** for gas stations and fuel companies, supporting operational, financial, and regulatory workflows.
- Architected and normalized a **MSSQL 2016 database**, leveraging official **SAT catalogs** to enable compliant electronic invoicing and tax reporting.
- Developed a scalable **MVC backend** using **C#, .NET 8.0, and LINQ**, ensuring modular design and long-term maintainability.
- Implemented responsive front-end functionality using **jQuery and AJAX**, delivering a seamless user experience with real-time data updates.
- Secured the platform using **JWT-based authentication and authorization**, safeguarding sensitive financial and transactional data for multiple clients.
- Led the project end-to-end, including requirements gathering, architecture decisions, development, deployment, and client support.

.NET Full Stack Developer | Safran Aerospace | Chihuahua MX

Feb 2019 – May 2019

Project: Stepped in to complete a project that had been left unfinished by a previous developer. The system was designed to help the engineering team manage and keep track of the original inventions such as new accessories, devices, and parts that the company could manufacture for its aircraft.

- Successfully rescued and completed a **previously stalled enterprise system**, restoring project momentum and enabling on-time delivery.
- Developed a centralized system to track **engineering inventions, accessories, devices, and aircraft parts**, improving intellectual property management and operational visibility.
- Designed and implemented a **MSSQL 2016 database** aligned with enterprise data standards and reporting requirements.
- Built the application using **MVC architecture with C# and LINQ**, ensuring clean separation of concerns and ease of future enhancements.
- Delivered a dynamic front end using **jQuery and AJAX**, enabling efficient asynchronous data interactions for engineering users.

.NET Full Stack Developer | Gobierno del Estado de Chihuahua | Chihuahua MX

Oct 2008 – Sep 2021

Project: Worked on multiple projects across various departments from 2008 to 2021. Focused primarily on medium to large-scale systems, which are highlighted below. Smaller-scale projects are not listed here for brevity.

- Contributed to **multiple medium- and large-scale government systems** across health, public security, education, and anti-corruption departments, supporting statewide operations over 13+ years.
- Developed healthcare systems for **Pensiones Civiles del Estado**, enabling appointment scheduling, prescription history, patient records, and third-party hospital invoicing and payroll processing.
- Built a public security system for the **Fiscalía General del Estado** to manage and protect sensitive data related to orphaned children affected by organized crime, facilitating access to government aid services.
- Delivered a public tenders management system for the **Secretaría de la Función Pública**, increasing transparency and efficiency in government procurement processes.
- Created an education platform for the **Secretaría de Educación y Cultura** supporting the “Escuelas de Tiempo Completo” program, allowing teachers statewide to submit documentation and manage payroll remotely—eliminating the need for in-person travel.
- Consistently applied best practices in **C#, ASP.NET, MVC, SQL Server, and enterprise system design**, ensuring reliability, scalability, and long-term system sustainability.

The technologies used for all the previous developments mentioned above:

- SQL: Databases designed, normalized and developed some of them with MSSQL 2008 - 2016 and some of them with Oracle 12c and 19c using stored procedures for inserting and updating tables, and some triggers.
- .NET Framework 4.0 – 4.7 (from 2014 – 2021): Back-end designed and developed some using Webforms and some using MVC as a design pattern, with C# and LINQ as a programming language.
- Using jQuery as the programming language for the front-end using AJAX for asynchronous calls and JWT for the login and security.

EDUCATION AND CERTIFICATIONS

Universidad Tecnológica de Chihuahua | Chihuahua MX

T.S.U. in Information and Communication Technologies

2005-2007

Universidad Tecnológica de Chihuahua | Chihuahua MX

Bachelor in Information and Communication Technologies

2012-2014
