

# Rodrigo Jiménez

Senior Software Engineer

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## ► Profile

Senior Full-Stack Engineer with over 10 years of experience specializing in the .NET ecosystem and building scalable, cloud-native applications. Proven expertise in migrating legacy systems to modern microservices architectures and optimizing database performance for high-traffic environments. Passionate about clean code, design patterns, and delivering robust software solutions.

## ► Technical Skills

Category	Technologies
Languages	C#, JavaScript, TypeScript, SQL, PHP
Frameworks	.NET (Framework, Core, MVC), Node.js
Cloud & DevOps	AWS Lambda, Microservices, REST APIs, WCF
Databases	Oracle, Microsoft SQL Server
Frontend	Angular, Knockout.js, jQuery, HTML5, CSS3, WPF
Practices	OOP, Functional Programming, Design Patterns, TDD

## ► Professional Experience

**Brierley Customer Loyalty Solutions & Consulting** (Jan 2021 - Present) *Senior Software Developer*

- Engineered and maintained a promotions and rewards engine for major retail clients, processing millions of transactions and ensuring high availability.
- Developed and deployed serverless AWS Lambda functions using Node.js to automate customer communications (SMS/Email), significantly reducing manual overhead.
- Authored complex Oracle SQL queries and stored procedures to analyze transactional data, directly supporting the accurate execution of loyalty campaigns.
- Technologies:** .NET, Node.js, AWS Lambda, Oracle

**UL Project** (Sep 2015 - Dec 2020) *Software Developer*

- Led the development of a critical data entry and management application for the chemical industry, enabling the secure sharing of regulatory information.
- Architected the front-end using Knockout.js and TypeScript, creating a responsive and intuitive user interface for complex data manipulation.
- Implemented robust XML/XSLT transformations to ensure seamless data interchange between disparate systems.
- Technologies:** .NET MVC, TypeScript, Knockout.js, XML/XSLT, Oracle, SQL

**The WerCS Ltd. WERCSmart** (May 2010 - Sep 2015) *Software Developer*

- Developed and scaled a compliance software suite for the chemical industry, used by global clients to manage regulatory data.
- Built and consumed RESTful web services to integrate with third-party systems, enhancing data flow and interoperability.
- Played a key role in the internationalization of the main software product, contributing to its successful deployment in over 50 languages.
- Technologies:** .NET, JavaScript, Knockout.js, jQuery, MS SQL, Oracle

**Quantuvis Consulting** (Jun 2009 – May 2010) *Software Developer*

- Successfully executed a full migration of the company's flagship platform from a legacy Java system to a modern .NET MVC 1.0 architecture.
- Developed a cross-browser compatible web application with advanced data visualization features, enabling clients to perform competitive analysis.
- Technologies:** .NET MVC, Java, jQuery, SQL

**GMO LLC Investment and Assets Management** (Jul 2008 – Jun 2009) *Software Developer*

- Built high-performance UI components for a WPF desktop application used in real-time investment management.
- Designed and implemented a multithreaded architecture to handle real-time data streams from WCF services, ensuring high accuracy for critical financial transactions.
- Technologies:** .NET, WCF, WPF, SQL

## ► Education

**Universidad de Guadalajara, Jalisco, Mexico** *Bachelor's Degree in Telecommunications Engineering (2008)*