# 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)*