

# Melissa Roldan Q.

Data Manager | Data Architect | Data Specialist

Ph. (619) 573.7129 | Email: melissaroldanq@gmail.com  
920 White Oak Dr., South Bend, IN 46617



Accomplished goal focused professional specialized in resource and Data Management with proven track of success. I excel at data modernization, data migrations, data governance, develop and implement strategic plans, and administer operations solutions on the data side, multiple roles I played included being a DBA, Data Governance specialist, Database Architecture, Migration. ETL and Business Intelligence developer and administrator.

Committed to construct the best data solutions with simple processes in complex scenarios with large data sets in multiple environments, offering 19 years of proven experience collaborating with corporations worldwide, generating a positive impact to their business solutions and operations, providing a correct analytical status of the projects. Having real passion and ability in these areas makes me a strong addition to any IT team.

## General Skills

**Management Skills:** Cross-Cultural, Cross-Functional, Big Picture thinking, Problem-solving, Innovating ideas, Strategic thinking, Flexibility and Adaptability, Advanced analytical skills, Business Processes design documentation, Processes design and implementation, People Skills, Time Management, Agile and Data Governance methodologies like Data Quality Standards, Data Analytics Management, Metadata Management, Data Security and Privacy.

## Technical Skills

**Database Technology Specialization:** MySQL, MSSQL Server, PostgreSQL, Adept SQL, Access, XML, Maria DB, DB2 and DB2 for I, MS Access, AWS Redshift, SAP HANA Studio, Exasol, Oracle, Microsoft Azure, Basics of Microsoft Fabric. Data Warehouse design in Azure, DB2 or SQL. Specialized in Complex Database structures for PII and Non PII, Financial and other Industries with sensitive information.

**Business Intelligence Tools:** Infrastructure Architecture implementation, Administration and Reporting Migration Lead, Specialized on Tools like: Microsoft Power BI, SSRS, Crystal Reports, Tableau, IBM Cognos Analytics.

**ETL & Data Governance Tools:** Informatica, DSP (SAP ETL tool Backoffice), SAP HANA Modeler, Rodin, Erwin, Aunalytics Aunsight, AWS Glue, Microsoft Purdue, Fabric, Azure Synapse, Snowflake, SSIS, I have experience using any of these tools in projects for Data Migration, Data Warehouse feed and Data Lakes.

**ERP systems:** SAP (MDM, PP, SD, FICO, Pricing, QM), SAP Solman, SAP Migration tools (LSMW, BDC, Direct load) and S/4 HANA and HANA Modeler, Salesforce and ETL processes.

**Other Software:** Adobe Creative Suite, VB.NET (SSDT for SSRS / SSIS), Office 365 (Integration, Admin and Apps), APIs Integration, Python (Eclipse).

## Education, Certifications and Languages

### Institute of Science and Higher Education of Tamaulipas ICEST

Bachelor of Computer Science Engineering Nov 2004

- Best Thesis Subject and Approved unanimously.
- 3.8 GPA

### Delphi Certifications

ISO 9000 Feb 2006  
DPS (Delphi Problem Solving) Method's & Analysis for Solving problems Jul 2006  
Error Proofing Analysis Aug 2006  
PFMEA (Process Failure Mode and Effects Analysis) Expert Q1 Aug 2006  
Lean Manufacturing Academy of Toyota Dec 2006

### Independent Certifications

Microsoft SQL Server 2005 Training by IBM Mexico Sep 2007  
Project Management Aug 2011  
Data Science Basics Sep 2016  
Microsoft Azure Engineer Path *In progress*

### BackOffice Associates LLC Certifications

SAP Data Services (BODS10 and BODS30) Aug 2014  
DSP (Backoffice ETL) Feb 2015  
SAP S/4 HANA Mar 2015  
SAP HANA Modeler Apr 2016

### 1<sup>st</sup> Source Bank Certifications

Microsoft Certification in Querying Data with T-SQL Sep 2018  
Microsoft Certification Developing SQL Databases Dec 2018  
Microsoft Certification MCSA SQL Administrator Mar 2019  
Agile Nov 2022

### Languages

English, Spanish and Italian

## Work Experience

- **DANTE Machine & Service** January 2021 - Current  
Role: Chief Technology Officer Remote

Provided strategic IT foundation, enabling the ability to communicate and work effectively allowing important services and products to reach Foundries and Manufacturing companies around US and Europe. Increasing the company value.

- Established all IT infrastructure from ground zero.
- Created corporate image and website.
- Set Office 365 set of tools and corporate email for employees.
- Establishing a network, data storage, accounting software
- Create projects improvement that optimized interactions with the end customer requests.
- Power BI Reporting and Ticketing System Implementations.
- Evolved IT infrastructure with minimum cost and elevated quality of customer service.

- **1<sup>st</sup> Source Bank** April 2018 - October 2023  
Role: Data Specialist III South Bend, IN / Remote

Completed multiple complex projects where I played a role as a Data Architecture, Developer, Migration expert and Implementation Lead. A complete life cycle implementations as a Lead of application and data migration for projects like Fiserv Weiland (2019) and LTI Aspire (2020), last include an overly complex Architecture of SSRS, Report development on SSDT.NET, integrating Power BI infrastructure, with this, improving Business units' daily processes and productivity. Migration Lead of Business Intelligence reporting tool for the Bank. Migrating into IBM Cognos Analytics from Oracle Hyperion. All this had been an entire array of tasks as Project Management, Infrastructure Architecture implementation, application Administration, Database Administrator, Data Warehouse Administrator, as well as Data Model and Dashboards Report developer and Agile business process designs, completed this project successfully having big step on the data modernization journey. Having so many applications, I had been Implement and/or Administrating tools like IBM Cognos Analytics, Microsoft SSRS, SSIS, SSDT.NET, Azure, Fabric, Power BI, Informatica. With complementary Migration technical documentation, Implementation and Data Governance procedures, structuring in detail the status of migrations every step of the way in an innovative way to higher management, engineers, and end users. Acted as a DBA for multiple Database types like Azure, SQL (onsite) and created data migrations to other servers as well as pipelines to DW and worked with developers to integrate to their applications on test and production environments.

- **BackOffice Associates LLC** Jul 2010 - Apr 2017  
Role: Senior Data Migration Analyst Traveling / Remote

Coordinate and take part in Data Migrations efforts for ERP systems, SAP and EBS R12 for corporations around the world, clients include Johnson and Johnson, Sysco Foods, Abbott Laboratories and Bio-Rad. This was 7 years of distinct projects and industries of which I was part of three full life cycles with a successful boring Go Lives accordingly. I used technology like MSSQL, Adept SQL, Oracle, SAP diverse modules and loading mechanism, HANA Modeler, Informatica, EBS R12 and DSP. And with this, I applied a high degree of analysis, analytics, and project management skills to complete the assignments in each project. In short, assignments vary from develop ETL pipelines to perform loads of data in any software used at the time, database architecture, data profiling and business analysis with client's legacy database, in addition of metrics, project management, and supervised a team of ten analysts.

- **Kenjitsu** Feb 2009 - Mar 2010  
Role: Web Developer and E-Commerce Admin. Tijuana, BC, Mexico

Oversaw the database architecture (products, sales, and inventory) that connected to website, but also connected through an API to the sales and inventory program. Redesigning website followed next and developed a software that stand high demand of orders and optimized inventory data organization. Launched Ecommerce website, using Adobe Creative Suite for the website and for product photo library and integrated the new database in MSSQL. After five months of working on this project, the company had a new website and software to coordinate website sales and better inventory control. All these changes brought in a Sales increase of 45%.

- **Energy Labs Inc.** Oct 2008 - Nov 2009  
Role: SQL Database Engineer Tijuana, BC, Mexico

For this position I created, improved, and troubleshoot Web and Desktop applications. These customized applications were for production area and error proof applications. Using software like MSSQL, Visual Basic, .NET and Crystal reports. Managed Projects checking according to development procedures and processes, as well as resources and production needs, always reaching the deadline early. Improvements in production lines, made over time cycle up to 26% optimization.

- **Telvista Inc.** Jul 2007 - Oct 2008  
Role: Software Engineer Tijuana, BC, Mexico

Improved and troubleshoot Desktop applications customized for production area, for clients Telmex and Verizon as the biggest call center of Latin America. Using software like MSSQL, Visual Basic, .NET and Crystal reports and having a small team of four analysts. Collaborated on five projects developing process, architecting databases, and developing software, according to the production needs, always on time according to deadlines and staying on budget. One of my projects was to develop a software for Telmex call center, within a team of two people, we designed, architected, developed, migrated data, implemented software, tested and trained all +100 end users, till this day, they still used this software and productivity increased by 35% percent as well as made the processes more effective having agents reaching more goals and higher end customer satisfaction.

- **Delphi Automotive** Jan 2004 - Mar 2007  
Role: Factory Information System (FIS) Engineer Matamoros, TM, Mexico

As a FIS Engineer where I was in charge to schedule and coordinate a small team to provide maintenance and optimization in software functionality, databases connectivity, OS updates, network setups and full tech support of the production area computers. Monitor Routine audits on these computers. One of my primary achievements in this position was to develop a remote backup system with software named Acronis, which created a simultaneous backup for all production area computers overnight. Management was pleased with this optimization as was a big step in the modernization of data backup capabilities.