

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 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.

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.

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 Harmonization Tools: Informatica, DSP (SAP ETL tool Backoffice), SAP HANA Modeler, Rodin, Aunsight, AWS Glue, Azure Synapse, Snowflake, SSIS.

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

Software and Web Development: Adobe Creative Suite, VBA, VB.NET (SSDT for SSRS / SSIS), Python.

Education, Certifications and Languages

Institute of Science and Higher Education of Tamaulipas ICEST

Bachelor of Computer Science Engineering

- Best Thesis Subject and Approved unanimously.
- 3.8 GPA

Matamoros, Mx

Nov 2004

Delphi Certifications

ISO 9000

DPS (Delphi Problem Solving) Method's & Analysis for Solving problems

Error Proofing Analysis

PFMEA (Process Failure Mode and Effects Analysis) Expert Q1

Lean Manufacturing Academy of Toyota

Matamoros, Mx

Feb 2006

Jul 2006

Aug 2006

Aug 2006

Dec 2006

Telvista Certifications

Microsoft SQL Server 2005 Training by IBM Mexico

Tijuana, Mx

Sep 2007

Independent Certifications

Project Management

Data Science Basics

Remote

Aug 2011

Sep 2016

BackOffice Associates LLC Certifications

SAP Data Services (BODS10 and BODS30)

DSP (Backoffice ETL)

SAP S/4 HANA

SAP HANA Modeler

Remote

Aug 2014

Feb 2015

Mar 2015

Apr 2016

1st Source Bank Certifications

Microsoft Certification in Querying Data with T-SQL

Microsoft Certification Developing SQL Databases

Microsoft Certification MCSA SQL Administrator

Agile

Remote / Sarasota, FL

Sep 2018

Dec 2018

Mar 2019

Nov 2022

Languages

English, Spanish and Italian

Work Experience

DANTE Machine & Service

Role: Chief Technology Officer

January 2021 - Current

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.

1st Source Bank

Manager: Brian Green / Jason Cavanaugh

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.

BackOffice Associates LLC

Manager: Andrew Mc Millan

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

Manager: Tony Tsuo

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 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.

Manager: Vicente Ramos

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.

Manager: Alfredo Sanchez

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

Manager: Ismail Koksal

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.