

# Melissa Roldan Quintanilla

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**Goal-driven engineering professional with 20 years of experience in data modernization, migration, governance, and complex infrastructure operations across multiple industries, including deep specialization in financial systems. Expert in designing streamlined solutions for large, multi-environment datasets, leading strategic initiatives, and delivering accurate analytical insights that elevate business performance. Proven collaborator with global corporations, consistently improving operational efficiency and serving as a high-value contributor to any IT organization.**

## WORK EXPERIENCE

### **Harmony Healthcare IT • South Bend, IN / Hybrid • 09/2025 - Present** **System Analyst II • Full-time**

- Perform complex data extractions and migrations for healthcare clients, including sales engineering support for the Health Data Archiver (HDA) application.
- Resolve advanced system, database, and integration issues while collaborating across technical and project teams to ensure seamless ETL and data governance operations.
- Execute deep data analysis, secure multi-platform transfers, and contribute to process improvements, deployments, utility development, and cross-department technical initiatives.

### **DANTE Machine & Service • Remote • 01/2021 - 07/2026** **Data Manager • Full-time**

- 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.
- Implemented a Power BI Reporting and Ticketing System within 3 months, enhancing data visibility and streamlining issue resolution processes across departments.
- Evolved IT infrastructure with minimum cost and elevated quality of customer service.

### **1st Source Bank • South Bend, IN/Remote • 04/2018 - 10/2023** **Data Architect III**

- 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.

## EDUCATION

### **Bachelor of Computer Science Engineering**

Institute of Science and Higher Education of Tamaulipas ICESIT  
Nov 2004  
GPA: 3.8

## CERTIFICATIONS

### **IN PROCESS: Microsoft Azure Data Engineer** 03/2026

**Agile**  
11/2022  
Agile

### **Microsoft Certification MCSA SQL Administrator** 03/2019

Microsoft Certification MCSA SQL Administrator

### **Microsoft Certification Developing SQL Databases** 12/2018

Microsoft Certification Developing SQL Databases

### **Microsoft Certification in Querying Data with T-SQL** 09/2018

Microsoft Certification in Querying Data with T-SQL

### **Data Science Basics** 09/2016 Data Science Basics

### **SAP HANA Modeler** 04/2016 - Present SAP HANA Modeler

### **Project Management** 08/2011 Project Management

## SKILLS

Access, Adaptability, Adobe Creative Suite, Advanced

- Data Migration of several Bank Applications into Salesforce, I worked in a team with Sales Force developers and Data Engineers. I was in charge of Data Governance and Documentation of the Informatica ETL process for this migration. As well as an Informatica Administrator for this project.
- 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 Snowflake DW and worked with developers to integrate to their applications on test and production environments.
- Streamlined data ingestion from multiple sources into the Data Warehouse using Python, resulting in a reduction in processing time and improved data accuracy.

## **BackOffice Associates LLC • Traveling/Remote • 07/2010 - 04/2017**

### **Senior Data Migration Analyst**

- Coordinate and take part in Data Migrations efforts for ERP systems, SAP and Oracle EBS R12 for Backoffice systems doing Administration, Data Quality, mapping with SQL views and procedures
- This was 8 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, Teradata 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.

## **Earlier Career Highlights (2004-2010)**

### **Database and Application Developer**

- Web Developer & E-Commerce Admin at Kenjitsu: Implemented an e-commerce solution resulting in a 45% sales increase.
- SQL Database Engineer at Energy Labs Inc: Optimized production line efficiency by 26% through custom applications.
- FIS Engineer at Delphi Automotive: Developed automated backup system for production environment
- As a Lead in a project for Telvista I 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.

Analytical Skills, Agile Methodologies, Apache Hadoop, Apache Hive, APIs Integration, Analytics Aunsight, AWS Glue, AWS Redshift, AWS S3, Azure Synapse, Big Data, Business Intelligence, Business Processes Design, Cross-Cultural Management, Cross-Functional Management, Data Analytics Management, Data Architecture, Database Architecture, Data Governance, Data Management, Data Migrations, Data Modeling, Data Modernization, Data Privacy, Data Quality Standards, Data Security, Data Specialist, Data Warehouse Design, DB2, DBA, Erwin, ETL, Exasol, IBM Cognos Analytics, Informatica, Innovative Ideas, Italian, LSMW, Maria DB, MDM, Metadata Management, Microsoft Azure, Microsoft Fabric, Microsoft Power BI, Microsoft Purdue, MSSQL Server, MySQL, Office 365, Operations Solutions, Oracle, PostgreSQL, Pricing, Problem-Solving, Python, Resource Management, S/4 HANA, Salesforce, SAP, SAP HANA Modeler, Snowflake, Solman, Spanish, SQL, SSIS, SSRS, Strategic Planning, Tableau, Teradata, Unix / Linux ( basic)