

Reynaldo Nunez

Data Architect // Momentum Consulting Corp.

QUALIFICATION SUMMARY

Reynaldo is a consummate professional with more than 30 years of experience working in multiple successful IT projects, delivering Data Management vision, goals, priorities, design principles, and operating policies in support of the business goals of the organization. A core area of Reynaldo's expertise has been providing technical guidance in defining the data architecture strategy for individual projects and the business as a whole. Working with Senior Management, Technical and Client Teams in order to determine data requirements and best practices for data manipulation, storage and analysis strategies in a data warehouse environment are also areas of Reynaldo's expertise. He has solid experience translating business requirements into conceptual, logical, and physical data models. He has also implemented best practices and methodologies in data analysis, design and modeling. Reynaldo has often been recognized for his technical skills, integrity, willingness to go beyond what is required and take on new responsibilities; someone of high integrity, and who has made a career out of his passion.

TECHNICAL SKILLS

- Business Intelligence
- Microsoft SQL Server
- Snowflake Cloud Data Warehouse
- Data Warehousing
- SDLC
- Requirements Analysis
- Integration
- IT Management
- Software Development
- Data Modeling
- Disaster Recovery
- ETL
- Cloud Computing
- Analysis
- Software Project Management
- Database Design
- IT Strategy
- SOA
- Oracle
- SQL
- Visual Basic
- PL/SQL
- JavaScript
- Informatica
- .NET
- MySQL
- T-SQL
- PostgreSQL
- Sybase
- SSIS
- MS Project
- SQL Server
- VB.NET
- SSRS
- SharePoint
- Amazon Web Services (AWS)
- Management
- Team Leadership
- Data Warehouse Architecture
- Microsoft BI Suite
- Pentaho
- Jasper Reports
- Business Intelligence Projects
- UltiPro Business Intelligence Suite (Cognos)
- Snowflake
- Cloud Data Warehousing
- Log Centric Databases
- Pentaho BI Suite
- Dundas BI

PROFESSIONAL EXPERIENCE

Momentum Consulting Corporation // Miami, FL

03/20 – Present

Senior Data Architect

- Responsible for the overall architecture, design and development of Data focused solution
- Work closely with internal business users and business analysts to define and develop requirements
- Design, develop, and implement data models; Translate business requirements into technical specifications;
- Oversee database and ETL technical development, with hand-on development required as needed. Design and lead in depth unit testing for all enhancements/new development; Data analysis for verification of accuracy and performance tuning to optimize execution

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- Deliver solutions to complex problems and client requests that require an in-depth evaluation of various factors by selecting appropriate methods, techniques, and evaluation criteria for obtaining the desired technical result
- Work as a mentor for other junior members of the team in developing solutions to meet and exceed client needs.

Worked with Citrix Corporation with the migration of their on prem data warehouse environment to Snowflake. As the project Data Architect, I was involved in the “Data Lakehouse” model implementation, Snowflake policies and standards implementation, OKTA SCIM provisioning process and RBAC implementation. Directly responsible for the definition of the Snowflake educational curriculum and the support of the on-boarding process for the business power and regular users, as well as the developers. Created the workspaces methodology, environment implementation and policies related to the use and designation of power and federated developers.

Also involved in the Ryder Corporation migration from them on prem Netezza environment to Snowflake. Actively participated in the environment metadata analysis and verification of objects being migrated from the source environment.

Worked with World Fuel Services in the Snowflake security roles documentation and the implementation of the SCIM (Service for Cross Domain Identity Management) with their Azure cloud environment. The process involved the configuration of the Snowflake enterprise instance in the azure cloud for SSO and Account Provisioning. The implementation required the deletion of all existing Snowflake accounts and the recreation through the SCIM provisioning process. I was directly involved with all development and business groups to allow a smooth transition of the existing accounts and roles to the newly created SCIM users and roles.

Worked with Atlas Voyages in the creation of their Snowflake environment. As the architect in the project, I was able to decipher their pointers-based reservation system to be able to extract the data and migrated to the Snowflake environment. Also contributed to the definition and implementation of the snowflake shared environments.

Worked with Gardant Management Solutions in the creation and implementation of their data warehouse into an Azure SQL instance. Responsible for the creation of multiple subject areas data models and data migration.

Also working in the Snowflake warehouses optimization and resource monitoring implementation.

CareCloud Corporation // Miami, FL

03/14 – 03/20

Senior Business Intelligence Engineer

- Works on the transition from Pentaho Mondrian analytics environment into Dundas data visualization environment
 - This transition involves the migration of the current cubes environment and the Jasper reporting Objects
- Works on the successful development of the new “Advanced Analytics” module on the cloud-based EMR software offered by the company.
- Works with Pentaho BI suite, using Pentaho Kettle Integration tool to develop the existing ETL architecture, Pentaho Mondrian Schema Workbench to develop cubes on a PostgreSQL backend database

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- Successfully develops and delivers the payments, charges and A/R, appointments, denials, KPIs, claims and encounters data cubes
- Directly involved in the company Snowflake data warehouse migration. Created the initial proof of concept by migrating the existing PostgreSQL data warehouse tables to the new Snowflake database. Also responsible for connecting the existing Pentaho Mondrian cubes to work with the Snowflake connection. The POC led to a successful implementation of Snowflake as one of the first commercial migrations of the product as one of the Senior BI engineers, I was fully involved on the following Snowflake transition tasks:
 - Conversion of all PostgreSQL stored procedures and functions
 - Rebuild of all related views using the proper Snowflake syntax
 - Rebuild of all ETL transformations
 - Cubes connectivity to the new environment
 - Warehouse performance calibration

Fiesta Restaurant Group // Miami, FL

08/12 – 03/14

Data Architect

- Held responsibility for the Data Warehouse and Business Intelligence areas
- Successfully migrated the Data Warehouse, SSAS, SSIS and SSRS environments from the previous corporation to the newly created *Fiesta Restaurant Group Corporation*
- Performed the successful migration of interfaces and created new interfaces with the new HR system (UltiPro), including the implementation of the UltiPro Cognos environment
- Organized and implemented a Tableau proof of concept, successfully linked to the existing SSAS cubes

Burger King Corporation // Miami, FL

04/06 – 05/12

Acting Business Intelligence / Data Warehouse Manager (08/11-05/12)

- Worked on multiple BI revamp projects, including the replacement of existing restaurant data collection process from an XML base to a database replication process
- Managed offshore and onshore ETL teams, and teams working with multiple Business Intelligence projects

Business Intelligence, Technical Lead (04/06-08/11)

- Held responsibilities that included technical leading on multiple projects involving Informatica, Data Quality, Source Control Implementation and Administration, process troubleshooting and debugging
- Had participation on the company Architectural Review Board as an active member
- Implemented code development standards and lead implementation and development of multiple in house developed projects
- Participated as a member of the company disaster recovery team
 - Participated in multiple disaster recovery simulations throughout the years
- Previously held the role of Technical Lead for the Global Restaurant Systems Department and ARIES Master Data Team
 - Worked with multiple pivoting tools, including Tableau, Excel Pivot, and Business Objects during this time
- During the initial period at BK, I worked for two years at the Master Data Team
 - Translates enterprise or business requirements into long-term information/data architecture solutions, including conceptual, logical and physical models
 - Analyzes and defines enterprise master data management strategies and models
 - Provides best practice leadership to database administrators and application developers
 - Collaborates with business analysts and project managers on a wide range of technology projects, including software development, package implementations, and infrastructure upgrades/change
 - Works with Data Engineers, DBA's as part of Database Design and Development

Bisazza North America // Miami, FL / Vicenza, Italy

2005 – 2006

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Information Technology Manager

- Worked on the implementation of existing SAP system to the North America branch
- Worked on multiple in-house application development projects, including the implementation of a digitalized bits map of pictures to develop beautiful reproductions in glass mosaic
- Developed ETL migration solution processes between MAS90 system and SAP
- Translates enterprise or business requirements into long-term information/data architecture solutions, including conceptual, logical and physical models.
- Support Minor Database Change Requests as needed
- Support ETL Jobs extracting data from MAS90 into SQL server, using SSIS.
- Work with Development Teams to understand and make recommendations on Proposed Database Structures and Data Flows

FX Solutions // Hollywood, FL

2004 – 2005

Software Engineer

Successful development and implementation of a Forex Market Trading System and the administration module.

- Work with Development Teams to understand and make recommendations on Proposed Database Structures and Data Flows
- Support Minor Database Change Requests as needed
- Help in developing Enterprise wide guidelines/standards for Database Design
- Work with Development Teams to understand and make recommendations on Proposed Database Structures and Data Flow.

Trends International // Miami, FL

2002 – 2004

Senior Systems Programmer/Analyst

Responsible to the development and implementation of multiple in-house database applications related to Payroll, Inventory Control and Operations.

- Responsible for the data migration of individual FOX Pro tables (DBF) to a SQL server database
- Responsible for designing and delivering Flexible & Performant Databases which align with Business Goals
- Help in developing Enterprise wide guidelines/standards for Database Design

Barclays Global Investors – Barclays Bank // San Francisco, CA

2000 – 2001

Senior Software Engineer

Successful implementation of a Performance and attribute system for the Fund Accounting Department.

- Strong strategic planning capabilities
- Understanding the enterprise architecture discipline, processes, concepts, and best practices

Technology Funding // San Francisco, CA

1998 – 2000

Senior Programmer Analyst

Responsible for the development and implementation of multiple in-house applications and successful migration from Ingres to SQL server conversion process.

- Works with Data Engineers, DBA's as part of Database Design and Development
- Help in developing Enterprise wide guidelines/standards for Database Design
- Support Database Changes Requests as needed

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Mediacopy // San Francisco, CA

1995 – 1998

Planning and Systems Manager / Applications Development Manager

In charge of a large team of developers working on multiple company projects. Responsible for the company relocation project that re-created the system servers, databases and applications on a different U.S region.

- Works with Data Engineers, DBA's as part of Database Design and Development project to move all company FOX Pro base tables into a SQL Server.
- Assume IT Director functions in his absence.

Hamilton Financial Corporation // San Francisco, CA

1989 – 1995

Internal Systems Manager

Responsible for all In-House applications development and implementation. Responsible for the Integration process of external loan portfolio data into the company loan servicing system. Also responsible for the loan servicing system interfaces.

- Use of Fox Pro tables to in-house applications data and Clipper (Database Compiler)
- Support ETL development processes for loan data integration (Custom Development)
- Financial Services Industry knowledge

LSG Sky Chefs // San Francisco, CA

1986 – 1989

Automated System for Producing Inflight Catering System Coordinator

Responsible for the development and implementation of multiple in-house applications related to the airlines industry.

- Use of Fox Pro tables to in-house applications data and Clipper (Database Compiler)
- Experience using Main Frame terminal emulators
- Use of early ETL tools to parse and delimited data extracted from main frame reports

EDUCATION/PROFESSIONAL DEVELOPMENT

- **Master of Business Administration, Investment Administration (1984)** // INCAE Business School, Managua, Nicaragua
- **Bachelor of Science, Business Administration (1982)** // Universidad Centroamericana, Managua, Nicaragua