Scott Morgan

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Strengths

- ➢ Data Architecture
- ➢ Data Modeling
- ➢ Data Profiling
- ➢ Metadata Mgmt.

Skills / Utilities

- ✓ <u>Modeling Tools</u> - ERwin , ER/Studio , Enterprise Architect , InfoSphere Data Architect , Power Designer , System Architect

- ✓ <u>RDBMS</u> - SQL Server , Oracle , DB2 , Teradata , Hadoop / Hive , Informix , Netezza , Snowflake

- ✓ <u>Tools & Utilities</u> - SSMS , SQL Developer , SQuirrelSQL , Data Studio , Notepad++ , Beyond Compare , GitHub , SVN , TortiseSVN , HP ALM , VersionOne , MS TFS , MS Office / 365, RTC, SharePoint, Teamwork, JIRA, Rally

Certifications / Degrees

- ✓ Certified SAFe® 5 Agilist (SA)
- ✓ Bachelor's degree in Management Science and Computer Systems
- ✓ Associate's degree in Computer and Information

Professional Profile

A seasoned data processing professional with over 40 years of experience in the design and implementation of data warehousing, business intelligence and data quality based initiatives for organizations in a variety of industries including healthcare insurance and research, telecommunications , hospitality , transportation and consulting. My career has progressed through a series of increasingly more responsible data analysis, systems development, data warehousing, business intelligence, data quality assessment , project management , department management and director level positions. I possess strong hands-on knowledge of relational database design, SQL , Stored Procedures , database triggers and the dynamics of leading development teams to on-time, on-budget successful deliveries.

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Organization	Professional Experience
Perficient, Inc. *Myakka City, FL*	**Digital Consulting Company** 2/24 – 7/25 As both a Technical Data Architect and Sr. Data Modeler working within both the Data Solutions and Healthcare Consulting practices, I was a team member on 3 separate projects for client organizations. At a Healthcare Payer Organization, I was tasked with creating "Raw Vault" data models, compliant with the Data Vault 2.0 standard, for source system tables as part of a Netezza to Snowflake "Infomart" conversion project. Responsibilities: • Analyze data in source system tables to determine valid Natural "Business" Keys • Categorize source data as Hub , Satellite , Link or Reference Data Vault tables Deliverables: • Physical data models for the new "Raw Vault" data structures • DDL scripts for the new **"Raw Vault"** data structures At a Healthcare Payer Organization, I worked with a 5 member team charged with creating Canonical data models for the Member and Provider data domains. Business Terms were then imported / updated in Collibra for mapping to other data assets. Responsibilities: • Analyze source system metadata structures • Create Erwin Canonical data models and subject area diagrams • Import Business Terms into Collibra using ERwin reports • Analyze the quality of Collibra "assets", identifying duplicates and metadata deficiencies Deliverables: • Erwin Canonical models for 10 Member SubDomains and 41 Topics • Erwin Canonical models for 7 Provider SubDomains and 39 Topics • An Excel workbook with formulas and macros to identify and flag Collibra "assets" that did not meet standards • An Excel spreadsheet with formulas and macros to identify and flag potential duplicate "Business Terms" in Collibra At a Healthcare Payer / Provider Organization, I worked with 6 team members assigned to migrate and refactor operational and analysis data stores from a Teradata platform to Microsoft Azure. Existing data structures along with complex Views and Stored Procedures were analyzed to create new data structure designs for multiple data domains.

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	Responsibilities: • Analyze 12 - Views and 7 - Stored Procedures to identify Provider domain data structures • Identify repeated data transformations as opportunities for improved efficiency • Design new structures and supporting data load and query logic to support business information needs **Deliverables:** • Physical data models and DDL scripts for instantiating the new Provider domain structures • Data load scripts for associated Reference (Look-Up) tables • SQL Scripts to create new versions of data consumption Views
Aetna / CVS Health Tampa, FL	**Healthcare Payer** 9/17 – 8/23 Working as an Information / Data Architect to design and model subject area extract data staging, ODS and datamart data structures hosted in both relational database and Hadoop/Hive environments housed on the Google Cloud Platform. Deliverables included the following: • Class Word naming convention with associated data specs • Data Requirements spreadsheet macros for real time QA of data requirements • Logical / Physical data models for various project initiatives • A "How To" guide for converting Netezza DDL to Hive DDL • SQL Server , DB2 and Hive DDL scripts for the modelled data marts • SQL Server Stored Procedures and Triggers to identify and maintain data comparison / discrepancy logs with automatic audit history generation I was also heavily involved with the initial implementation of IBM's Information Governance Catalog to build and maintain a strong Data Governance and stewardship program. This information was then leveraged in various information integration and governance projects, including big data integration, master data management (MDM), lifecycle management and security and privacy initiatives.

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Hertz Global Estero, FL	**Vehicle Renting and Leasing** 8/16 – 8/17 Lead Data Architect for the initial implementation of Data Governance for the enterprise. Responsibilities included setup and administration of ER/Studio Enterprise environment and a SharePoint document library to publish data models and data dictionaries for 300+ legacy databases. Deliverables included the following: • "Data Architecture Principles" • "Data Modeling Standards" • "Data Model Scorecard" • "Data Classification Capture & Maintenance Using ER/Studio" • ER/Studio macros to facilitate the above
Marriott Vacations Worldwide Orlando, FL	**Vacation Ownership** 11/15 – 7/16 Lead Data Architect on a conversion / enhancement project transitioning an application from SQL Server / .NET platform to Oracle / Java. Assisted with defining / cataloging the current state architecture including inventory and assessment of existing data stores as well as documenting current data flows. Designed and developed the database architecture and standards for the new application to ensure alignment with business and IT objectives which includes: • Creation and maintenance of Process and Data Flow diagrams using PowerPoint • Creation and maintenance of Conceptual , Logical and Physical data models using ERwin • Generation of table, sequence and permissions DDL scripts to instantiate Physical data models within client database instances

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Walt Disney Parks and Resorts Orlando, FL	**Theme Parks/Hospitality/Timeshare** 04/15 – 11/15 Senior Data Architect / Data Modeler supporting various database initiatives by: • Preparing and presenting Conceptual data model diagrams using Embarcadero's ER Studio Data Architect to communicate recommended scope and direction to the review board and project teams. • Developing and presenting Logical and Physical data models according to corporate data standards for both agile and waterfall project methodologies, across Oracle, SQL Server and Teradata platforms. • Ensuring alignment with enterprise strategic direction for data management, naming standards and data modeling best practices.
CoreLink Administrative Solutions (SaaS vendor for BCBS ND) Fargo, ND	**Healthcare Claims Processing Vendor** 01/14 – 04/15 Data Architect for an Information Management Architecture restructuring project to migrate the existing claims processing system and other supporting COBOL applications off the current (charge by the MIP) Unisys mainframe platform onto a lower cost, flexible SQL Server platform. • Designed and implemented a metadata repository to store and expose the data dictionary , ETL logic and run logs and data lineage • Data modeling and DDL generation for a highly normalized ODS to support the current legacy systems' data and the "to be created", next generation operational system • Data modeling and DDL generation for a number of dimensional data marts

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Lumeris Austin, TX	**Accountable Care Organization SaaS Vendor** 01/13 – 01/14 Client Solutions Lead designing technical solutions for enterprise customers using the Lumeris' suite of offerings. • Lead the data consulting teams on client engagements • Worked with client project managers to facilitate data discovery, mapping, extract and transmissions to Lumeris
H. Lee Moffitt Cancer Center & Research Institute Tampa, FL	**Cancer Hospital and Research Institute** 11/09 – 01/13 Data Warehouse Architect in charge of design and implementation for a grant project to develop an infrastructure to support Comparative Effectiveness Research • Hardware and software selection, purchase and installation • Design and implementation of metadata structures to maintain the Data Dictionary, Source-To-Target Data Mapping, ETL Derivation, Validation & Disposition logic, Data Profiling Results, Data Quality and Usage statistics and Research Project information • Data modeling and DDL generation for a highly normalized ODS to store data from multiple subject areas including Cancer Registry , Radiology , Radiomics , Bio-Banking , LIMS , Microarray and Patient Survey • All relevant healthcare industry standard code sets were hierarchically modeled and populated including ICD-9 CM Diagnosis , ICD-9 CM Procedure , ICD-10-CM , ICD-10-PCS , ICD-O-3 Site , ICD-O-3 Histology , CPT , HCPCS , CDT , NDC , DRG , ETG , X12 , HL7 , LOINC , SNOMED , NPPES , etc.

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Intelimedix (now Blue Health Intelligence) Lakeland, FL	**Healthcare Claims Analytics SaaS Vendor** 08/05 – 01/08 Principal / Client Solutions Lead for a SaaS company formed as a joint venture with Highmark BCBS. • Data model maintenance and change management with the development staff in the Czech Republic • Project management over Proof of Concept data loads • Business requirements analysis, data analysis, metadata management, project management, customer support, authoring documentation, developing a training curriculum, presenting training, product sales demonstrations, functionality and performance testing and both product and strategic planning
Bardess Group Mendham, NJ	**Data Quality Consulting Services** 03/04 – 02/05 Sr. Consultant on a number of short-term engagements including: • CISCO - Developed groups of Data Warehouse, Business Objects reports for the Finance organization including a series of Pricing Adjustments audit and trend reports and Data Warehouse summary calculation validation reports • AVAYA - Developed processes, procedures and tools to perform "data readiness" analysis as part of ERP system upgrades and conversions - Expedited a huge data cleansing effort by developing a utility to assist in setting acceptance thresholds for address standardization updates using Status Codes provided by First Logic address standardization tools • Special Data Processing - Designing, modeling and documentation for both a highly normalized logical and first cut physical data model(s) using ERwin for a complete reengineering of the company's core operational systems. A set of fully attributed data models along with new operational system screen mockups were delivered providing a roadmap to a new enterprise data architecture

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Marriott Vacation Club International Orlando, FL	**Timeshare Division of Marriott Int'l** 03/00 – 05/03 Director of Data Warehousing supervising a staff of 10 ETL and BI professionals providing maintenance and new development support for the domestic data warehouse. • ERwin data model maintenance for an ODS and 6 datamarts • Project management of the database (Informix to Oracle) and ETL tool (ESQL C programs to Informatica) reengineering effort • Capacity and performance and disaster recovery planning • Departmental budget responsibility , staff career development / training plans, and performance evaluations
Price Waterhouse Coopers Tampa, FL	**Multinational Professional Services Company** 08/98 - 12/99 External Consultant retained to architect and implement an analysis / reporting infrastructure for an internal data warehouse initiative at PWC's National Administration Center • Produced hardware and software specifications for an infrastructure that would be capable of delivering a large volume of reports within specific time window • Oversaw the delivery, installation and configuration of the hardware / software combination across development, test and production environments • Firm wide, biweekly engagement reports were deployed and for the 10 days surrounding the end of each month, the system generated 2,000+ Monthly Operating Reports for more than 15,000 employees on a daily basis
Marriott Ownership Resorts International Lakeland, FL	**Timeshare Division of Marriott Int'l.** 07/95 – 08/98 Consultant engaged to assist with operational software system integration and data warehouse / reporting development for their European operations in London, Munich, and Marbella. • Ported the domestic Data Warehouse Operational Data Store data model to Europe • Designed an initial data mart and developed the ETL routines to populate both • Implemented a report development, scheduling and delivery environment along with developing a set of 35 reports

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Morgan and Associates Lakeland, FL	**Medical Billing Service Company** 08/93 – 08/01 Established a Medical Billing, Insurance Claims processing and Collections business that handled all billing and records retention for 9 chiropractic care clinics scattered throughout central Florida. • Phone system , LAN , server and billing software purchase, installation and configuration • Training physician office staff in proper data collection procedures and document workflow processes
North American Financial Services St. Petersburg, FL	**Financial Transaction Processing Services** 05/93 – 02/95 Systems Analyst / Data Modeler / Quality Assurance Manager on projects to develop software for the prepaid college tuition plans for the Common of Pennsylvania and the State of Florida. • GUI design scribe and data modeler in formal JAD sessions with Pennsylvania state officials • Maintaining process, data flow, and entity relationship diagrams in the CASE tool System Architect • Managed the software development team to a successful on-time delivery, implementing vigorous data quality assurance tests and reports to ensure accurate ACH EDI transactions were produced for payment processing
Watkins Motor Lines Lakeland, FL	**Long–Haul LTL Freight Trucking Company** 12/88 – 02/93 Manager of Systems Development charged with staff and budget responsibility for programming department of 25 • Departmental budgeting process and monitoring work assignments / project schedules for both new development and the maintenance of legacy systems • Managed the RFP/bid process and system implementation for a companywide, freight document imaging system

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Gulfstream Aerospace Savannah, GA	**Business Jet Aircraft Manufacturer**　　　03/86 – 12/88 Senior Micro Programmer Analyst with duties that included hardware/software selection and installation as well as technical support • Accountable for implementing a comprehensive PC training program including the preparation of training materials, classroom instruction and training of other trainers
The Navigators Colorado Springs, CO	**Christian Conference Center**　　　07/84 – 03/86 IT Consultant with primary responsibilities centered on selecting / implementing a LAN-based hotel front desk and back-office accounting system to automate conference center. • Provided all hardware and software installation, training, and technical support services
Cities Service Oil & Gas Corporation Tulsa, OK	**Oil & Gas**　　　06/81 – 07/84 Programmer Analyst in an IBM mainframe, TSO, ISPF, CLIST, Fortran environment • Designed and programmed an interactive corporate business model for strategic financial planning. • Performed SAS/SASGRAPH analysis of salary survey data to determine competitive pay ranges • Developed a menu driven front-end for 3 mainframe graphics packages