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Accomplished leader with expertise in the design and implementation of cost-effective, high performance information infrastructures focused on solving today's complex business challenges. First-class data management skills with broad experience in leading teams of developers in heterogeneous data design and information delivery. Excel at building bridges between executives, developers, internal departments and external customers. Superb communication and organizational skills. Passion for driving department goals and company growth, directing data management initiatives, implementing actionable business intelligence systems and resolving difficult business challenges.

Core Expertise

12 Years of Technology Experience, Specializing in Knowledge Mgt
Proven track record in Data Architecture, Integration and Delivery
ETL Strategy, Enhancement and Management
Project and Master Data Management Skills
Business Process and Strategy Development
Quality & Productivity Improvement

Logical, Conceptual and Physical Data Modeling
High-Level Data and Business Process Mapping
Forecast, Budget, Analysis and Trend Reporting
Enterprise Business Intelligence and Data Mining Design
Transactional, Analytical and Multidimensional Data Design
Critical Thinking and Analytical Skills

Technical Expertise, Methodologies and Tools

Databases: SQL Server 6.5-2008, Oracle 7-11g, IBM DB2, MS Analysis Services, OLTP, OLAP, DSS, MySQL, MS Access, Warehouse, Relational, Object Oriented, GIS, Network, File, Teradata, Sybase, Informix

Languages/Interfaces/API's: ANSI SQL, Transact-SQL(T-SQL), Visual Basic, PL/SQL, C#, C++, MDX, .NET Framework 1 & 2, Embedded SQL, SQL-DMO, SQL-SSO, ASP.NET, VBScript, ActiveX, OLE ODBC, (ADO.NET, Remote Data Objects (RDO), Data Access Objects (DAO), VB.NET, XML, COM/COM+, JDBC, ODBC, Python, Java, JavaScript, OLE, Cold Fusion, HTML (XBRL, PERL), X-Query, SQL-DMO, SMO

Tools: Microsoft: SQL Server 6.5-2005, Information Services (SSIS), Visual Studio .NET 2005, SQL Server Studio Manager, Team System Foundation, Enterprise Manager, BizTalk Server, Analysis Services, Business Objects, Data Transformation Services (DTS), Notification Services, Visio, Query Analyzer, Reporting Services, Data Analyzer, Service Broker, Visual SourceSafe, Profiler. **Oracle 7-10g:** SQL+, Procedure Builder, App Development, Database Admin, Enterprise Manager, Extended Administration, Migration, Network Admin, Data Mart Suite, Designer, Forms, Discoverer, Reports, Developer. **Other:** TOAD, Sagent, ERWin, Tidal, Crystal Reports, Embarcadero, Red Gate, Apex SQL, Quest Central, Spotlight, WinSQL, UltraEdit, Informatica, Active Reports, Performance Monitor, Actuate, J Developer, Report Writer (Data Junction, Crystal Reports, Rational Rose, Cognos, Ab Initio, Brio and many, many more.

Methodologies: Entity Relationship (ER), IE/IEE, IDEF1X, Dimensional, Data Flow, Agile Development, Function, Event, Object Role, Process, Structure, State Transition and Systems Modeling, UML, BPM, CASE (Function Hierarchies, Contextual Modeling, Fact/Qualifier Matrix)

Servers/Environments: All Windows O/S's, AIX, HP-UX Sun UNIX O/S's, Linux, Internet Information Server (IIS), FreeBSD, Ubuntu, Windows CE

Senior Business Intelligence and Master Data Management Architect

ING Investment International

Sept 2007 - Present

- Currently standardizing and consolidating world-wide real-time data centric infrastructure for ING Investment, an international conglomerate earning \$76 billion a year in revenue.
- Responsible for data modeling, architecture of international ETL data warehouse framework for heterogeneous data collection and strategic data delivery using SSIS (Sql Server Integration Services), BizTalk, Visual C#.NET and PHP.
- Visual Basic, .NET, ASP.NET, ADO.NET, XML, SQL and T-SQL with Visual Studio 2005 and Team System Foundation for project management used in designing data intensive application systems and middleware messaging that are tightly coupled to backend SQL Server 2005 and 2008 and Oracle databases.
- Driving business intelligence and data warehousing initiatives through engineering of automated regulatory requirements systems for governmental compliance, analysis and reporting.
- Leading a team of 12 developers in a strategic approach to information data quality and performance optimization.
- Educating executives, management and end-users on the importance of enterprise data integration and master data management methodologies to improve current data quality and use data as a way increase revenue with current assets.
- Challenged with the task of engineering data mining MOLAP systems to mine data from international data stores for knowledge discovery of customer trending and analysis to reduce expenses.

Sr. / Team Lead Business Intelligence, Data and ETL Architect Consultant

Homebanc Mortgage Corporation

Oct 2004 – Sept 2007

- Analyzed loan origination work flows and data modeled (IEE and ER) information repositories for new mortgage system that increased sales an average of 3 loans or \$1,500,000 in extra net income per branch.
- Directed Sarbanes Oxley compliance initiatives, assumed role of Production DBA, managed 100+ heterogeneous databases on multiple instances, storing several terabytes of sensitive financial data.
- Performance tuned systems, initiated standards and automated Sarbanes Oxley security and auditing controls, eliminating 115 hours of manual report generation and administration costs.
- Guided data management development teams in the architecture of enterprise-wide SQL Server transactional (OLTP) and analytical (OLAP) databases. Systems coded in XML, VB, T-SQL, CLR, SMO, running on BizTalk Server and SQL Server 2000 and 2005.

- Developed design standards and managed Visual Source Safe source and version control priorities, change and content management initiatives, and maintenance and support processes for this \$12 billion/year net income producing financial institution.
- Engineered Analysis Services OLAP cubes and SQL Server databases running FRX budgeting and forecasting systems, integrated with Oracle, DB2 and MySql OLTP relational databases running Lawson general ledger and accounting packages.
- Used Sagent and SSIS (coded with VBscript, ActiveX, DMO) ETL tools to deliver data in real-time improving employee ad-hoc querying and end of month Business Objects report generation times by 3 days, reducing manual operating costs.
- Predictive analytical databases enabled Directors and Executives to forecast and uncover hidden revenue streams and increase REIT revenue.

Team Lead Business Knowledge and Solutions Architect

LabLynx Medical Information Systems, Inc. (Consultant)

May 2004–Oct 2004

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- LabLynx client, U.S. Alcohol Tobacco and Firearms (ATF): Engineered automated Informatica Extraction, Transformation and Load (ETL) systems, cleansing routines and data mining forensics from heterogeneous databases into SQL Server and Oracle data warehouses.
 - SQL, T-SQL, PL/SQL, ActiveX, ASP, ADO, OLE DB, XML, ODBC, VB, VB Script code written using Query Analyzer, Toad, Visual Studio and Procedure Builder IDEs' and Data Transformation Services (DTS) to run ETL systems and Business Intelligence Web Services. Actuate and Active Reports used for reporting.
 - Performance tuned conceptual data models and implemented physical designs, improving query execution times, in some cases, from 10 hours down to 15 minutes.
 - Conducted Sql Injection penetration testing and auditing on internet mortgage loan web servers and web sites.
 - Used CA's Erwin and Embarcadero's ER Studio data modeling tools to engineer logical, conceptual and physical DB2, Oracle and SQL Server relational databases and MS Analysis Services multi-dimensional databases.
 - Traced long running queries, investigated execution plans then performance tuned indexing, partitioning, parallel execution, bulk loading techniques and re-engineered SQL, T-SQL, PL/SQL packages, procedures, functions and triggers increasing data access performance of middleware applications (ASP, ADO, VB, VBScript, OLE DB).

Enterprise BI Data Warehouse Architect / ETL Engineer

United Parcel Service (UPS) (Consultant)

May 2003–May 2004

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- Designed BI system that uncovered \$180,000 of lost sales revenue.
 - Designed Sales Lead Measurement Initiative BI database System that directly increased revenue and customer retention rates by 20%.
 - Engineered Cold Fusion and SQL Server real-time package tracking and intelligent routing systems handling 3.35 Terabytes of live transactional data.
 - Automated SQL Profiler to trace database activity and find inefficient queries. Analysis of execution plans, disk I/O, DBA instance statistics and redesign of code improved system response times by an average of 50 %.
 - Integral developer on the OLAP/BI team, established data granularity standards, designed and built star and snowflake dimensional models during Customer Volume and Behavior Analysis Tool architecture and implementation.
 - Analyzed upper management's informational needs to calculate Sales, Operational and Financial KPI's.
 - Led meetings to conform facts and common objects among disparate databases and implemented a standardized international Decision Support System reducing future maintenance and administration costs by 15%.
 - Involved in Full Life Cycle development of Small Segment Acquisition and Sales business opportunity, built and coded complex T-SQL, PL/SQL, SQL, Embedded SQL, XML, J Script programs and DTS packages for the ETL processes.
 - Adhered to proven incremental development methodology for design of Data Warehouses and XP (Extreme Programming) like methodology of rapid deployments, small incremental changes and real-time testing of designs and code providing benefits to UPS end-users virtually the moment I started there and also kept projects focused.

Team Lead Data and ETL Architect / .NET Developer

Geofields Data Management (Consultant)

Nov 2001-May 2003

- Designed, normalized, de-normalized, coded and tuned Oracle and SQL Server GIS and Relational Databases and Data warehouses for major pipeline companies reducing average response time of highly computational queries and stored procedures by 12% (between 20 – 30 minutes).
- Gathered and prioritized Key Performance Indexes and metrics and designed real-time internet dashboards for Business Intelligence using Brio Performance Suite and Cognos to monitor data warehouses and for analysis of Oracle and SQL Server, providing a competitive advantage.
- Developed Fail-Safe Disaster Recovery Plan by replicating disparate databases between Atlanta, GA and Houston, TX using DTS for ETL.
- Conducted workflow and data flow studies to enhance employee performance and coded web services using SQL, T-SQL, PL/SQL, XML, ASP, ADO, VB and VB Script to run on Oracle, SQL Server, Windows and UNIX platforms.
- Reduced OLAP data redundancy by 20%, integrated data from disparate data sources using Data Junction and DTS for ETL and data cleaning routines additionally lowering data administration costs by 30%.
- Designed dimensional data models for MS Analysis Services MOLAP databases, built multidimensional cubes used in analytical and reporting web services, integrating financial and pipeline data for cost accounting reports sent to shareholders, financial institutes and the federal government.
- Administered object and account security, password management and encryption policies, database auditing guidelines and created disaster recovery and back up plans.

Senior Instructor – Data Architecture (OLTP/OLAP), Programming, Administration

Oracle Corporation

Sept 2000-Oct 2001

- Created, streamlined and enhanced Data Modeling, Data Warehouse, PL/SQL and SQL certification focused curriculums and labs increasing quarterly departmental revenues by 20%.
- Consistently ranked in the Oracle Master Certification Quality club by scoring a 97% average weekly student evaluation and received recognition in award ceremony.
- Very strong SQL skills, including use of nested table expressions, unions, multi-table joins, scalar functions, outer joins, derived columns, and creative use of the CASE and EXISTS operator.
- Instructed courses in Data Warehousing, JAVA, PL/SQL, SQL, Object Oriented programming, OO software and database design with UML, ORM and ER engineering notation.
- Expert knowledge and skills in Database Administration and Architecture, Performance Tuning, SQL Statement Tuning, Stored Procedures, Triggers, Extended Data Retrieval and Large Objects.

DBA / Database Developer

Per-Se Technologies (formerly Medaphis Corporation)

Aug 1998-Sep 2000

- Implemented coding and documentation standardization improving development and time to market by 15%.
- Refined Conceptual, Physical and Logical Entity Relationship models and Systems and Event process models.
- Used UML to document business process use cases and uncover areas for process enhancement.
- Implemented SQL, T-SQL and PL/SQL for back-end data processing and Cold Fusion, ASP and XML for front-end data reporting and ad hoc querying.

DBA / Systems Administrator

CheckFree Corporation

Dec 1994-Aug 1998

- DBA providing administration and security services, complex SQL query development, execution plan analysis and SQL query optimization for over 50 Oracle and SQL Server database instances.
- Managed 30 replicated databases including data publishing services, automated database administration tasks for maintenance, tuning, monitoring, and backup. encrypted data and delivered over a terabyte of financial transactional data between 40 Financial Banks and the Federal Reserve Bank.
- Unique Business Rules implemented through combination of constraints, keys, parent/child hierarchies, entity modeling, relationships, triggers, pattern modeling, data type and domain restrictions and look up tables.

CERTIFICATIONS

- Develop PL/SQL Program Units
- Introduction to Oracle: SQL and PL/SQL
- Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition
- Sun Certified Programmer for Java Platform
- Implementing and Supporting Microsoft Windows

- IBM AIX Advanced System Administration
- IBM AIX System Administration
- IBM AIX Basics

EDUCATION

Hofstra University, Hempstead, NY
Bachelor of Business Administration

PROFESSIONAL ASSOCIATIONS

Participating member of Technology Association of Georgia (TAG)
International Society for Performance Enhancement
Independent Computer Consultant Association

FOREIGN LANGUAGES

English – 1st Language
German – Fluent
Spanish – Some