



Results-driven technology consultant with proven expertise in enterprise-class database solutions. Founded Data Realized, LLC, to provide these services at the greatest possible value for Fortune 500 companies, universities, small businesses, and startups.

HIGHLIGHTS

- Reduced database support costs by 40% by implementing performance tuning and stability measures
- Re-designed core sales support systems, resulting in 99% uptime during a 6-month period, resulting in two straight quarters of 120% sales to goal performance
- Provided analysis of system architecture and design that decreased load times by a factor of 6
- Implemented table partitioning on tables in excess of 500 GB, increasing load performance by more than 800% and report performance by more than 60%
- Scaled OLTP database to load over 1 TB of data per day, with many sub-second read response time.
- Speaker on “SQL Server Internals” at Dev Connections in Las Vegas, NV—Fall 2008
- Speaker on “SQL 101 Track” for SSWUG’s virtual conference—Spring 2009
- Speaker at various local User Groups – 2009 – 2010

EXPERIENCE

Database Architecture

- Specialize in RDBMS technologies on Windows platform
- VLDB design, architecture, development, and performance tuning, using agile and waterfall methodologies
- Create data warehouses through in-depth data discovery and transformation to a common platform
- Build revenue-generating backend/databases for various product lines

Design and Implementation

- Solutions in SQL Server versions 6.5 to 2005, SQL Server 2008 and SQL Server 2008R2
- Enterprise solution using SSRS 2005 and OLAP to replace more than 400 Seagate reports
- Horizontal partitions on tables in excess of 500 million records in SQL Server 2000
- Insurance rating and pricing engine for corporate financial division
- Requirements to satisfy CISP compliance, including automated tracing and storing
- Logical and physical data models to support specific needs in SQL Server and Oracle
- Data-flow process, linking mechanisms such as call tracker to accounting record for NAS calls

Database Administration

- SQL Server 2000 to 2005 upgrades – SQL Server 2005 to 2008 upgrades
- Provide system analysis and recommendations; propose solutions to executives, management, and staff
- Discover and resolve glitches in Microsoft software that have resulted the development of hot fixes
- Maintain databases in excess of 1TB for performance, backup times, san architecture, archiving data
- Author procedures and standards for RDBMS technologies, including best practices, performance metrics, naming conventions and change control processes



Leadership

- Led team converting RDBMS solutions from Oracle, VAX and FoxPro to SQL Server
- Led team conceptualizing business needs and modeling software solutions
- Led significant database development projects including stored procedure development, DTS/SSIS development, data modeling, design, and architecture using various SQL Servers, Oracle 9i, and Oracle 10g

PAST AND PRESENT CLIENTELE

The Magellan Network

Top School

Wells Fargo

Avaya Communications

First Horizon Merchant Services

ICG Communications

MCI / WorldCom

Lucent

Regis University

RevGen Partners

Oxford International

StorePerform Technologies

Home Buyers Warranty

Norwest

Front Porch

TOOLS

Tools

CVS

DB Pro

SmartMon

ErWin

Idera

RedGate

Oracle

TFS

VSS

Toad

Enterprise Architect

Visio

Zachman Framework

Relevant Technology

Clustering

Constraints

Data Architecture

Data Dictionary

Data Marts

Data Migration

Data Warehouse

Database Architecture

Distributed Transactions

DSS – ODS

Linked Servers

Internals (SQL Server)

Normalization

Notification Services

OLAP Architecture & Design

OLTP Architecture & Design

Partitioning

Performance Tuning

PL/SQL Development

Re-factoring

Replication

Reporting Services

San Configuration

Star Schemas

Stored Procedure Development

Synonyms

SQL Mail

SQL Server 6.5

SQL Server 7.0

SQL Server 2000

SQL Server 2005

SQL Server 2008 & 2008R2

SSIS

Triggers

Troubleshooting

T-SQL Development

AFFILIATIONS

Participating Member on I2PADS Joint FSTC/OMG Project

DevConnections Speaker – Fall 2008

SSWUG Virtual Conference Speaker – Spring 2009

Various Local User Groups – 2008 – 2010

REFERENCES

Available upon request.