Roger Wolter
Database Architect/Developer

Kirkland, WA - Email me on Indeed: indeed.com/r/Roger-Wolter/ecb38f62dec29b9c

Authorized to work in the US for any employer

WORK EXPERIENCE

Senior QA Software Engineer
PetSmart Inc - 2016 to 2017

• Analyzed and reviewed database designs in SQL Server, Oracle, and Netezza.
• Reviewed database code and stored procedures.
• Reviewed and tracked test plans and execution.
• Entered and tracked tests in JIRA.
• Participated in sprint planning and standups.
• Reviewed MDM designs and schema.

Database Architect
BYNDL LLC   -   Bellevue, WA - 2015 to 2016

• Lead the database team for BYNDL a leading developer of MicroMarket software.
• Implemented OLTP and OLAP databases on SQL Server 2014 in an Azure environment.
• Wrote database queries for applications and reports
• Database optimization and query tuning - doubled database performance.
• Prototyped migrating the 1.5 TB OLTP database to SQL Azure DB.
• Implemented reconciliation system for BYNDL financial system
• Implemented ETL system for the Enterprise Data Warehouse in SSIS.

Database Architect
Pragmatic Works   -   Kirkland, WA - 2012 to 2015

• Provided architectural guidance to a variety of major Pragmatic works customers specializing in SQL Server performance, SQL Server Consolidation, SQL Server upgrades, and public and private cloud environments
◦ SQL Server consolidation assessments, design, and implementation
◦ Migration to SQL Server from Oracle and DB2
◦ Database migration assessment and design
◦ SQL Server performance tuning
* Large SQL Server infrastructures
* ISV application performance evaluation and design
◦ Database application design
◦ Master Data Management
◦ Microsoft Parallel Data Warehouse training, design, migration, and implementation
◦ Parallel Data Warehouse training and project leadership

Principle Architect and Practice Manager
Scalability Experts   -   Dallas, TX - 2010 to 2011

• Provided architectural guidance to Scalability Experts customers including projects involving SQL Server performance, SQL Server upgrades, and public and private cloud environments
• Developed an End to End database application assessment practice

- Ran the Scalability Experts OLTP practice with both architects and consultants as reports.
- Developed a SQL Server cloud practice for Scalability Experts
- Developed three significant SQL Server training courses on management, performance, and security
- Developed and presented Web Casts and white papers
- Awards for both innovation and customer service

Architect, MSIT MDM Platform

Microsoft Corporation   -   Redmond, WA - 1998 to 2010

- Architect for the Microsoft IT internal MDM project soon to become one of the world's largest MDM instances with almost 2 billion customer entities and over 20 TB of data.
- Architected the back end data layer for the platform. This is a scaled-out, partitioned, highly reliable data storage layer growing to 300 databases on over 50 servers including both high reliability and disaster recovery copies of all the data.
- Designed and built a scaled out matching engine to search 2 billion entities with thousands of searches a second. Blog Entry
- Wrote an adapter to provide a reliable asynchronous link between the source systems and the MDM hub. This was written in C# and used SQL Server Service Broker for reliable queuing.

Architect, Master Data Management Team, Office

- Reviewed the Microsoft MDM strategy and determined we needed a product.
- Joined the Microsoft MDM product team. Evaluated the technology and people of several MDM product vendors. Recommended Stratature Corporation for purchase and did part of the due diligence for the purchase.
- Transformed the Stratature product into a Microsoft Preview release to give customers early exposure to the product and gather key feedback on features.
- Architected, supervised, and reviewed all feature designs for the release.
- Defined integration strategies for internal and external partners
- Wrote white papers, delivered dozens of presentations, met with five key customers, gave three analyst presentations, and delivered a web cast to evangelized the MDM product

Architect, Architecture Strategy Team, Developer Partner Evangelism

- Produced database content to help Architect Evangelists architect solutions for their customers For example:
Service Broker, Reliability, scaling out SQL Server, Software as a Service, Master Data Management, MDM Architecture
- Maintained a Blog and did some authoring: Service Broker, Inside
- Led design sessions with several major Microsoft customers and partners.

Program Manager, SQL Server

- Drove the SQL Server Service Broker feature
  ◦ Defined and specified Service Broker features
  ◦ Gave more than 30 customer presentation including TechEd, PDC, VS Live, and PASS
  ◦ Recorded four WebCasts
  ◦ Drove the documentation and education efforts for Service Broker
- Managed the XML Datatype team for SQL Server 2005
- Delivered SQL Server Express Edition
  ◦ Drove unique feature in the SQL Server engine
  ◦ Coordinated the four teams who built SQL Express
- Delivered SQLXML Web Releases for SQL Server 2005
  ◦ Created the Web Release process
  ◦ Delivered five public releases in the space of 12 months
  ◦ Delivered Updategrams - the key Web Released feature
- Created the Soap Toolkit project
  ◦ Specified features

◦ Personally developed the admin tools for the Soap Toolkit
◦ Delivered releases on the web - over 200,000 download in the first year
◦ Managed the Program Management team
◦ Drove adoption of the toolkit by Office and FoxPro
Program Manager, COM+
◦ Drove adoption of COM+
◦ Managed the PM team for In Memory Database, Object Persistence and Distributed Transaction Coordinator (DTC)
Helped define the project that became .Net

Project Manager
Fourth Shift Corporation   -   Minneapolis, MN - 1995 to 1998

Managed a team that created an emulation layer that allowed Fourth Shift to move from a proprietary database to SQL Server. This drove a significant increase in sales and revenue for the company. This feature is still being sold today - 12 years later
Framework Architect
◦ Architected an Object Oriented Reliable Messaging Framework for building Manufacturing systems using C++, SQL Server, and Oracle.

Associate Professor
University of St. Thomas   -   Minneapolis, MN - 1992 to 1998

Taught Database and Distributed Database classes in the Master of Software Development program

Engineering Manager
Unisys Corporation   -   Minneapolis, MN - 1993 to 1995

Managed a group of six engineers developing Unisys TransIT Open/OLTP (Tuxedo) on UNIX and Scalable Parallel Processor systems.
◦ Led a team developing an Integrated C/C++ development environment.

Development Manager
InfoSpan Corporation   -   Minneapolis, MN - 1991 to 1993

Led a team that developed the first IRDS standard Repository in the industry.
◦ Ported the repository to run with Oracle, Sybase, Informix, and DB2/2 databases on Sun, HP, RS/6000, DEC, OS/2 and DOS.
◦ Developed an interface to IBM's MVS Repository.
◦ Designed and implemented a Distributed Database Management System Prototype.
◦ Wrote articles and presented papers at conferences.
◦ Wrote proposals, managed releases, and interfaced with sales and customers.

EDUCATION

BS in Physics/Math
Minnesota State University Moorhead

University of St. Thomas