

Software Development / IT Infrastructure

I design, write, and optimize software for Microsoft and other platforms. I've worked as a software developer, database administrator, and as a technical leader and communicator. I've developed for Windows (SQL Server and .NET for desktop/web) and for legacy systems (DEC, Solaris, MVS). My tenure with HP included large-scale infrastructure projects for data center relocation and consolidation.

Business and Technical Skills

Projects: Office automation, COTS integration, database load generation, process chargeback, database ETL, performance optimization, dimensional data marts, scripted security assessments, distributed job scheduling, natural language processing, data center relocation, database consolidation, and automated desktop deployments

Platforms/Tools: Windows: Visual Studio 2010 (VB.NET, C#), SQL Server 2012 (T-SQL, DDL/DCL, SSIS), ASP/ASP.NET, Office/VSTO; TFS/VSS; MVS (PL/I); Solaris (KSH); DEC (FORTRAN)

Professional Highlights

<i>lexana.net</i>	Technical Consultant	2013
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- Software development with a focus on *SQL Server 2012's* semantic search

<i>Hewlett-Packard</i> (and acquisitions <i>Compaq</i> and <i>Rainier Technology</i>)	Technical Consultant	1996-2012
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- Architect/developer for re-engineered fuel-purchase planning system at Allegheny Energy
- SQL Server tech lead for data center relocation/transformation for Unilever
- Developed custom McAfee extensions to meet DoD DISA/STIG security requirements
- Tech lead for ETL sub-systems interfacing NYC's reverse 911 systems to notification/IVR partners
- Tech lead for relocation of a US postal service data center (32-servers; 10TB)
- Architect for database consolidation and storage virtualization project at British Petroleum
- Co-developer of an ASP.NET site to automate OS upgrades for 20,000+ desktops at UnitedHealth
- Created HP service offering: "Express Evaluation for MS SQL 64-bit on Integrity Itanium Servers"
- Architect for a series of prescriptive .NET architectures and best practice documents for Fidelity
- Tech lead/developer for real-time integration of proprietary COTS applications for Capella
- Tech lead/developer for a custom Exchange-based document portal for Ryerson Steel
- Architect and tech lead for an ASP-based residential energy audit for NSP
- Two-time winner of HP's TSG MVP Award (2004 and 2006)
- Four technical briefs published in the *HP Services Quarterly Technical Journal*

<i>A.C. Nielsen</i>	Manager, Prototype Development; Sr. Systems Programmer	1984-1996
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- Technical Manager and developer of *FastRead*, Nielsen's overnight PoS data service.
- Team lead for interface development between DB2 and Nielsen's proprietary OLAP tool

Education and Certifications

Graduate Studies (Psycholinguistics) University of Texas/Dallas
Bachelor of Arts (Experimental Psychology) University of Minnesota/Minneapolis
Microsoft MCSD for .Net (Early Achiever, 2003) and MCSD (1997); MCSE (1998)