

JOHN PASTORE

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SENIOR SQL SERVER DBA

A highly-motivated IT professional with a passion for SQL Server. Over 10 years' experience in SQL Server versions 7 through 2012. Excellent analytical, troubleshooting, documentation and customer relationship skills. Looking for a position where I can both make a significant contribution to the team, and deepen my SQL Server skills.

Government Security Clearance:

DOD, DHS SSBI Top Secret Clearance.

Work Status:

US Citizen..... Able to work for any employer.

Certifications:

MCTS: Microsoft Certified Technology Specialist September 2011
• SQL Server 2008 - Implementation and Maintenance

MCTS: Microsoft Certified Technology Specialist January 2011
• SQL Server 2005 - Implementation and Maintenance

MCSE: Microsoft Certified Systems Engineer..... January 2000
• Designing and Implementing Databases with Microsoft® SQL Server 7.0
• Implementing and Supporting Microsoft® Internet Information Server 4.0
• Networking Essentials
• Implementing and Supporting NT Server 4.0 in the Enterprise
• Implementing and Supporting NT Server 4.0
• Implementing and Supporting NT 4.0 Workstation

MCP: Microsoft Certified Professional July 1999

EDUCATION

Bachelor of Arts in Chemistry, Minor in Physics 1988
The University of Chicago, *Chicago, IL*

Physics Major 1985
Penn State University (Behrend campus), *Erie, PA*

PROFESSIONAL EXPERIENCE

Senior SQL Server DBA, on the SharePoint Team

February 2011 – Present

DHS/ICE, contract with SAIC and InfoZen, *Washington, DC*

- Senior SQL Server DBA for the SharePoint team, as well as for dozens of other applications.
- Provide 24x7 troubleshooting and Tier-3 support for 100+ instances of Microsoft SQL Server version 2005, 2008 R2 and 2012.
- Maintain consistent development, testing, staging and production environments, both on physical machines and VMware virtual machines in four secure data centers.
- Successfully designed and executed a plan to migrate 200 production databases and 1.5 TB of data to a new secure data center, including auto-generating all T-SQL and Robocopy scripts in advance.
- Troubleshoot problems by using SQL Server profiler, SQL Server Performance Dashboard Reports, Activity Monitor, PAL tool and Perfmon.
- Routinely solve critical production problems, and perform point-in-time database recoveries.
- Architect, design, install, configure, optimize and manage complex enterprise-wide SQL Server 2005, 2008 R2 and 2012 instances.
- Responsible for many related technologies including installing Windows Server on both physical and virtual machines in VMware, implementing iSCSI as needed, allocating EMC/Clariion SAN LUNs and mount points, creating service accounts and adjusting GPOs in Active Directory, configuring networking and firewall rules, and much more.
- Apply SQL Server Service Packs to the current patch level, and Cumulative Updates as required to address specific issues.
- Topology and capacity planning including number of Windows and SQL Server cluster nodes and SQL server instances, CPU and RAM speed and quantity, local disk configuration.
- In-depth SAN optimization including LUN, mount-point, RAID and spindle configurations, queue depth, and load-balancing algorithms.
- Develop and implement complex T-SQL, VBScript and PowerShell scripts for administration tasks.
- Author and maintain all SQL Server documentation including DBA manuals for most every server including design, installation and configuration, as well as detailed work logs.
- Ensure high-availability and data security by implementing Windows and SQL Server Failover Clustering and SQL Server 2012 AlwaysOn Availability Groups, rigorous backup and recovery plans, SAN mirroring to disaster recovery sites, and implementation of Department of Homeland Security SQL Server hardening guidelines and auditing.
- Perform regular maintenance including index optimization, consistency checks, and data file and transaction log size monitoring using built-in tools, custom written T-SQL scripts, SQL Agent Jobs, and Database Mail; and enterprise monitoring using SCOM, NetIQ and Dell OpenManage.
- Upgrade DTS packages to SSIS, and develop new SSIS packages for ETL.
- Developed and wrote comprehensive database backup strategy and disaster recovery white paper.
- Developed and implemented sophisticated index fragmentation monitoring, optimization and reporting system using custom-written T-SQL commands, SQL jobs, and scripts from Ola Hallengren.
- Developed and implemented a process to auto-generate all database recovery T-SQL scripts, and save those commands with backup files, making recovery from even catastrophic failure very easy.

Microsoft SQL Server DBA

October 2009 – January 2011

DHS/FEMA, contract with Applied Computing Technologies, *Winchester, VA*

- Provide high-level support for over 50 instances of Microsoft SQL Server 2000, 2005, 2008 and 2008 R2 across the enterprise.
- Ensure high availability in a mission-critical, secure production environment including backups, disaster recovery, and real-time system monitoring.
- Implement SQL Server high availability solutions including Failover Clustering and Log Shipping in 32- and 64-bit Windows Server 2000, 2003, 2008 and 2008 R2 environments.
- Perform regular maintenance including index rebuilds, reorganization and statistics updates.
- Apply and maintain service packs/patches for release management and to enforce security policies.

- Monitor database performance, identify issues, troubleshoot and optimize using Performance Monitor, Profiler, Execution Plans, Database Engine Tuning Advisor, SQL Nexus Tool, and Performance Dashboard Reports.
- Enterprise monitoring of databases using NetIQ and HP OpenView.
- Maintain thorough and rigorous documentation related to database server configuration, operation, and database change management.

Real Estate Investor

Jan 2005 – July 2009

Flagship Real Estate, Reston, VA

Purchased, remodeled, rented, managed and sold investment properties in the metropolitan Washington, DC area.

Developer and Technical Lead

Feb 2000 – Dec 2004

FishUSA.com, McLean, VA; Erie, PA

Custom-wrote 3-tier e-commerce web application in Classic ASP and SQL Server, able to support 10,000 simultaneous shoppers. Responsible for many mission-critical technical tasks.

Microsoft SQL Server Database. Custom-designed and developed, normalized, optimized and indexed SQL Server database.

- 40-table, normalized SQL database schema, designed and documented in Visio.
- All tables indexed and tuned, then de-normalized when necessary to improve performance.
- 200 hand-programmed stored procedures, with parameters, RETURN values, complex multi-table JOINS, and cursors when necessary.
- Performance tested and optimized using SQL Profiler, Index Tuning Wizard and Query Analyzer.
- Data imported and manipulated with DTS and BCP as needed.
- Nightly maintenance using a Database Maintenance Plan to optimize, verify and backup all databases.

Active Server Pages. Fully object-oriented ASP business logic layer, coded with VBScript Classes.

- High-performance and secure database access exclusively by parameterized stored procedures, rather than SQL statements in ASP.
- All ADO Recordsets copied to VBScript arrays using `.GetRows()`, and immediately closed and destroyed, resulting in extraordinary performance.
- Highly optimized ASP programming using Arrays, Subs and Functions, Application variables when optimal, Response buffering, and no Session variables.

User Interface. All hand-coded, custom-developed front-end programming in HTML, CSS, JavaScript and DHTML, both for end-user and administration pages.

Co-located Production Server. Configured, acquired and co-located high-availability Dell production server, managed remote access with pcAnywhere and DRAC II remote access card, coordinated all support with ISP.

Security. Hardened Windows Server and IIS, managed BlackICE Defender intrusion detection system, installed and managed VeriSign SSL certificate.

Production server backups in triplicate. Configured server with level-5 RAID, installed DAT tape drive and Veritas BackupExec, created daily SQL BCP output of data and transfer offsite via FTP.

Miscellaneous. Developed technical management processes and procedures, created maintenance and backup schedules, and produced extensive documentation.

Web and Database Developer

Oct 2001 - April 2002

FAA, contract with AMTI, *Arlington, VA*

- Designed and custom developed web-based three-tier human resources application in Classic ASP and SQL Server.
- Responsible for extensive database redesign, and DTS transfer of old data to new schema.
- Worked extensively with government clients to determined project scope and specifications.

Technical Team Leader

Feb 1998 – Jan 2000

Booz • Allen & Hamilton, *McLean, VA*

Led the team to develop and deploy an enterprise-wide system to automatically collect comprehensive asset information for 8,000+ PCs worldwide in over 30 countries. Adapted LAN-only COTS asset application to operate over WAN, managed development of a custom-written Visual Basic application, deployed FTP servers. Developed desktop application installer integrated with Novell Netware login. Produced comprehensive administrative procedures, best practices, and backups, as well as extremely thorough 900-page documentation.

Saved entire \$80,000 project budget by updating, rather than replacing, a global employee database system. Tested and recycled existing idle hardware, deployed production servers as well as redundant cold-spares, developed automatic server installer disks. Managed global system deployment, trained remote technical managers, fully documented system, installation, backups and procedures.

Technical Leader

Feb 1997 – Feb 1998

Sprint, contract with Entex Information Services (*now Siemens Business Services*), *Reston, VA*

Led the team to transition 500+ corporate Macintoshes to PC systems. Developed procedures for seamlessly transferring data from Mac OS to Windows 95 and NT.

Prepress and Publishing Team Lead

Nov 1996 – Jan 1997

The Presidential Inaugural Committee, *Washington, DC*

Led team responsible for producing all printed materials for the 53rd Presidential Inaugural. Managed design, prepress, and nationwide printing of tickets, programs, invitations and security credentials.

Prepress Department Manager

Aug 1996 – Nov 1996

The November Group, *Washington, DC*

Built and managed an very efficient prepress department for a national direct mail firm. Hired, trained and managed 12 staff members.

Computer Systems and Publishing Consultant

March 1991 – July 1996

Capital Computer Consulting, *Arlington, VA*

Consulted with over 60 diverse client companies in the Metropolitan Washington, DC area. Assessed system's needs, wrote comprehensive proposals, implemented new technologies and upgrades, trained client staff on new hardware and software, and wrote comprehensive documentation and after-action reports. Designed and installed Windows NT Server and Macintosh-server based LANs and WANs. Programmed relational databases in Microsoft Access and FileMaker Pro.