**DONALD E. JESSEN**

**Peoples Energy Corporation / Integrys Energy Group – April 2005 – Present**

**Sybase ASE, Sybase Replication Server, Autosys**

Managed, Maintained, Upgraded, 7 Sybase ASE environments from Sybase ASE 11.9 to 12, 12.5, 15, 15,7 consisting of over 21 user Databases. Moved ASE environments from older servers to newer servers (HP-UX).

Managed, maintained, upgraded 2 Replication Server environments from 11 to 12, 12.6. 15.7.

Managed, maintained, upgraded 2 Sybase Direct Connect environments from xx to 12.6, 15.

Automated many processes to check ASE, Replication logs for certain errors and page DBA’s if needed thru autosys.

Automated process to check for blocking longer than 59 seconds, to send an email to DBA, if longer than 2 minutes and during prime work hours to kill non batch processes thru autosys.

Automated process to refresh non production databases with Production data on demand, weekly, or quarterly thru autosys.

Reduced server expenses by combining 3 HP-UX boxes with 4 non production ASE, Replication environments to one HP-UX box.

**Microsoft Sql Server, ESRI GIS DBA – 2008 - present**

Upgraded many databases from SQL 2000 to SQL 2005, SQL 2008, SQL 2012. Did fresh installs of SQL 2008, 2012.

Reduced expenses by combining many SQL Server instances to other servers.

Set up Sql Server Reporting Services.

Maintained ESRI GIS databases on SQL Server.

**Consultant at Russell Athletic – Dec 2004 – Jan 2005 -** Planned, tested, and successfully installed IBM’s DB2 UDB V8.2, QMF, and DB2 Connect on Windows 2003. Setup database connectivity in UDB to other UDB platforms, and DB2 on z/OS. Setup email notification and alarms in UDB. Documented, tested, and taught the installation to employee’s who will be responsible for future installations.

**Consultant at Bank Of America – Sept 2004 – Oct 2004 -** Planned, tested, and successfully upgraded an ASE Server from V 12.0.0.3 to V 12.5.1. The server consisted of 62 databases, 152 gig in all. Analyzed performance problems to reduce runtime costs. Reduced I/O in one query by removing statistics on a column. Reduced I/O from another query by increasing the step count. Reduced I/O in 7 other queries by adding 3 indexes, one single column, and one two-column index.

**Veritas – Dec 2003 – June 2004 –** Taught Veritas Netbackup product to clients on Windows 2000, HP-UX and Sun Solaris 9.

**Sybase – 1997 to 2003**

**Sybase DBA:** reduced client expenses - Analyzed performance problems at client sites. Examples: At a major Chicago bank, reduced a stored procedures I/O count from about 160,000 I/O down to about 14 I/O, by using ‘set statistics io on’, ‘set showplan on’ and analyzing the SQL, for a more efficient access path. Ended up breaking the SQL into 2 stored procedures, one initializing a variable, and passing that variable to the second stored procedure that did the actual table lookup. At a major payroll company, one stored procedure that ran an average 2 hours 45 minutes down to 1 minute and 10 seconds. Also by using ‘set statistics io on’ ‘set showplan on’, and sp\_sysmon reports, ends up the data type of the column did not match the data type of the variable. At a major Milwaukee based insurance company, tuned a stored procedure to go from a table scan to index use with one quick change. Using set Join Transitive Closure (JTC) on for this statement.

Installed Version 11, 11.5, 11.9.2, 12.0, 12.5. Upgraded from 11 to 11.5 and 11.9.2, 11.5 to 11.9.2 and 12.0, 11.9.2 to 12.0 and 12.5.

**Sybase Certified instructor:** Teach all ASE server courses. Specialized in Database Performance / Tuning and administration classes. Wrote two performance classes: Fooling, Cheating, Lying and Understanding the Optimizer, and Common Solutions to SQL Performance Problems.

Improved Quality - Reported more course material errors than any other instructor at Sybase. Helped rewrite the ASE system administration, Fast track to ASE, Introduction to SQL, Physical Database design, and Logical Database design courses.

Increased revenues - First instructor to create an on-line class (Syberlearning) and first instructor to present an online class. Changed classroom images on a weekly basis, and tested new images with the new labs.

**Sybase certifications:** Database Administrator version 11.0 1998, SQL Developer ASE 11.5 1998, ASE administrator 11.5 1999, Performance and Tuning Specialist 2000, ASE Professional 11.5 2000, ASE Administrator Professional 12.0 2002, ASE Associate 12.0 2002, ASE Administrator Associate 12.5 2002, ASE Administrator Professional 12.5 2002.

**Sybase awards:** Instructor of the Quarter, Q3 1998, Q2 1999, andQ1 2001, Instructor of the Year 1999, Pioneer Award 2002, Star Contributor 2001, and 2002.

**www.brainbench.com Certifications**: Sybase SQL Server – Mastery Level, Microsoft SQL Server – Mastery level, DB2, RDBMS Concepts – Mastery level

Successfully taught blind and deaf students. Taught classes in Europe, Middle East, Puerto Rico and Canada with minimal English skills.

Presented at the International Sybase Users Group (ISUG) 4 years in a row.

Platforms worked on: NT, HP-UNIX, and Sun Solaris

**Previous Employers**:

**Greenbrier & Russel April 1990 – July 1997**

DB2 DATABASE ADMINISTRATOR

Maintained 31 Databases, 464 tablespaces. Managed dataset extent reduction from over 1800 extra extents down to 700. Set up, tested and implemented in production, JCL for tablespace reorganization, full copy, image copy, runstats, recover tablespace, and recover indexspace jobs. Monitored the DB2 log, finding deadlock, and time-out problems, literally reducing the occurrence of the above from 60 - 100 a day, down to 1 or 2 a week. Reduced the required run time for 10 QMF queries from 6 - 8 hours each down to 45 minutes for all of them. Reduced some reorg times and program run times by hours by getting rid of unnecessary indexes. Automated some DB2 check out routines that monitor the log, DASD utilization. Also monitored 2 gig datasets, reorg and image copy times, and partitioned tablespaces about to expire. Repartitioned 21 million row tablespaces. Defragged packs off-hours. Pin pointed excessive DASD wait time, balanced data across data packs. Found excessive wait time due to excessive I/O channel utilization. Changed DB2 startup parameters - DSNZPARMS. Eliminated extents in DB2 catalog indexes, thru recover index and migration/recall. Set up jobs to purge unneeded image copy records. Reduced application monthly purge job from 14 plus hours to 5 hours Implemented DB2 compression on some larger tablespaces. Eliminated B-37’s during reorg sorts.

Tools used: REXX, Platinum Rapid Reorg, Platinum Quick Copy, Platinum Plan Analyzer, File-Aid, File-Aid for DB2, Dfhsort, Syncsort, Omegamon for DB2, Omegamon for CICS, DFHSM, SMS. IBM utilities include Check data, Check index, Copy Tablespace, DSN1CHKR, DSN1COMP, DSN1COPY, Load, Modify Quiesce, recover index, recover tablespace, reorg, repair, runstats, .

DB2 DATABASE Instructor -Taught all the Platinum DB2 education courses while at Greenbrier & Russel