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David Simpson

Technical Expertise Summary:

At Themis, I have the opportunity to spearhead our DB2 training. I teach courses on SQL, Application Programming, DB2 Administration as well as optimization, performance and tuning. I also act as the lead courseware developer for our database curriculum. I have worked with relational database technology for 17 years and have supported transactional systems that use DB2 for z/OS databases in excess of 10 terabytes. My work experience includes roles as an application programmer, DBA and technical instructor. I am a certified DB2 DBA on both z/OS and LUW. I was voted Best User Speaker and Best Overall Speaker at IDUG North America 2006 as well as Best User Speaker at IDUG Europe 2006.

Presentation Experience:

May 2010 - Presented at International DB2 User group (IDUG). Presentation discussed DB2 Version 9 Migration Survival May 2009.
May 2009 - Presented at International DB2 User group (IDUG). Presentation dealt with Physical Database Design in the 21st Century.
May 2008 – Presented at International DB2 User Group (IDUG). Presentation showed new SQL optimization tools and techniques.
May 2007 – Presented at International DB2 User Group (IDUG). Presentation focused on tools for the DBA.
October 2006 – Awarded Best User Speaker at International DB2 User Group (IDUG) European Conference. Presentation documented the migration process and user considerations for DB2 for z/OS Version 8.
May 2006 – Awarded Best User and Best Overall Speaker at International DB2 User Group (IDUG) North American Conference. Presentation documented the migration process and user considerations for DB2 for z/OS Version 8.
May 2004 – Presented archiving and purging strategy at the International DB2 User Group (IDUG) North American Conference.

Work Experience:

February 2007 - present

Themis Inc.

Provide training and consulting services that help customers fully utilize relational database technology specializing in DB2 on all platforms. Develop and deliver training seminars with a focus on design for high availability and high performance.

Sept 2000 – February 2007
Senior Database Administrator

Trans Union, LLC

Participated on a team of Senior DBAs that implemented a 10TB database used by OLTP systems. These systems run transaction volumes of up to 170 million per day. Developed strategies for maintaining the above database in a near 24x7 environment. Responsible for developing backup, recovery, reorg and table maintenance strategies. Participated on a performance team of DBAs, developers and architects



that evaluated and tuned the application. This team implemented changes in SQL, table and index design, and code to deliver performance of up to 170 million transactions per day.

Provided support for application programmers in coding and testing their applications that access DB2. Resolved developer's issues and provided informal education to users about DB2 including binds, loading of data, and authority issues.

Conducted formal training sessions and seminars for Organizational Development. Taught SQL, DB2 application programming, and various ½ day seminars for topics of interest to the development community. Developed and deliver material independently.

Jan 2000 – Sept 2000
Technical Instructor

Creative Solutions Consulting

Responsible for delivering course material dealing with database administration and programming. Taught classes for various vendors including IBM and Computer Associates.

Jan 1999 – Sept 1999
Senior Instructional Consultant

Platinum technology

Taught *SQL Application Programming* course designed to teach programmers with little previous exposure to relational databases how to interact with DB2 in their programs.

Taught *DB2 Database Administration* course designed to help DBAs get a firm grasp of the commands and utilities they need to support application data stored in DB2.

Helped develop and implement courseware for a DB2 Universal Database for Windows NT course. This course helped prepare students to pass IBM certification exams for DB2 UDB.

Developed administration topics for a DB2 release transition courses designed to aid DBAs in the transition to this new releases of DB2.

Aug 1993 – Jan 1999
& Sept 1999 – Mar 2000
Database Administrator & Systems Analyst

Blue Cross & Blue Shield of Alabama

Responsible for implementing and supporting databases in a DB2 for OS/390 environment. Conducted informal seminars on various aspects of DB2 for the purpose of exposing application staff to the DB2 environment. Experience with Platinum tools for DB2.

Assisted in the implementation and support of Java applications running on IIS for Windows NT. Heavily involved in developing and supporting the architecture for connecting these applications to DB2.

Installed and configured a gateway to connect client/server applications and ad hoc queries to DB2 on OS/390. Administration included components on OS/390 and Windows NT Server.

Routine maintenance of DB2 objects including reorgs, backup and recovery scenarios, and loading and purging data.

Significant exposure to NT Server Administration. Aided in implementation and support of Java applications running on IIS for NT and their connectivity to DB2. Also support smaller databases on Sybase System 11 in a Windows NT environment.



Education: **1989–1993** **Auburn University** **Auburn, AL**
B.S., Business Administration, Management Information Systems Option
Graduated Magna Cum Laude.

Professional Training & Certifications: **IDUG User Presenter Hall of Fame** – October 2006
DB2 LUW Certified DBA – May 2006 Certifications
DB2 z/OS Certified DBA – May 2002
Unix Administration – March 2002
SQL Server Administration – March 2001
Certified IBM Instructor – February 2000
Crystal Reports – December 1999
Mercury LoadRunner 5.0 Administration – October 1998
MQ Series Administration – October 1998
Microsoft Certified Professional (NT) – August 1998
Java Programming – July 1998
Database Administration for DB2 – June 1997
Advanced SQL Tuning for DB2 - August 1996
Database Design for DB2 - December 1995