

Experienced integrator of distributed systems with exposure to multi-vendor client/server and internet environments. Over 20 years experience in data processing. Possess in-depth knowledge of development tools and languages, hardware and operating systems architectures, databases and data communication. For details see “Technical Skills” on page 6 or <http://www.centrexcc.com>

Transferable Skills

Analytical

Strong analytical skills, coupled with this solid, long-year experience, enable me to quickly analyze problems and isolate and remedy their cause. I have applied these skills - combined with a quest for efficient use of resources - successfully and repeatedly in performance tuning.

Communication

Communicate equally well with technical specialists, application programmers, business experts, or management. Have been commended for the proficiency to explain technical concepts and details and the ability to put technology into a business context.

Quality Focus

Besides the drive for efficiency, I pride myself on attention to detail and quality, reliability, and dependability.

How does all that benefit the client

The above skills, combined with the acquired experience covering all areas of client/server or multi-tier internet architecture in general, and Peoplesoft and Oracle in particular, enable me to contribute effectively in all phases of a project's life cycle:

Planning and Design:

Architect efficient and resilient solutions based on solid in-depth knowledge of the overall architecture and of all elements involved – hardware, operating systems, communication, database and application software.

Implementation:

Due to my familiarity with all components of the framework in which the implementation takes place, I can help other members be more productive, or take on any task in a resource crunch.

Maintenance/Support/Tuning:

Drawing on my in-depth understanding of how the parts of a client/server or multi-tier system work and interact, I can diagnose and isolate the cause of a problem and either solve it myself, or hand it over to the appropriate domain expert.

I have already mentioned my proficiency in tuning, especially database and SQL statement tuning.

Contract History

Trimac, Calgary

February 2006 – January 2007

Technical specialist for the upgrade of the Peoplesoft 8.4 SP2 Financials / Peopletools 8.45.08 system to Peoplesoft Peopletools 8.47.03 and HR 8.3 / Peopletools 8.20 to HR 8.9 / Peopletools 8.47.03 Administer and monitor the Peoplesoft Internet Architecture (PIA - Tuxedo and Weblogic). Administer, monitor, and tune the production databases.

University of Calgary, Calgary Senior Peoplesoft DBA and Administrator

October 2004 – January 2006

Details are listed under Employment History on page 4

Bearingpoint, Boston

May 2004 – November 2004

Performance tuning of Peoplesoft 8.4 project costing (PC) batch jobs, primarily application engine jobs. Due to the nature of the AE (Application Engine) programs, modifying the SQL was often impossible and tuning therefore required advanced use of statistics.

Trimac, Calgary

May 2003 – February 2004

Technical specialist for the upgrade of the Peoplesoft 7.52 Financials system to Peoplesoft 8.4 SP1 and Peopletools 8.42.08. Administer and monitor the Peoplesoft Internet Architecture (PIA - Tuxedo and Weblogic). Through database measures (Oracle) and improvements to both, the conversion process as well as individual SQL, brought the time for the conversion of the 160GB database to within the allowable time window, 36 hours, to complete the upgrade on a weekend. The project completed on time and more than 20% under budget.

Petro-Canada, Calgary

August 1999 – May 2003

Administrator and technical architect for Peoplesoft, Oracle and PIA infrastructure (Tuxedo and Weblogic) for the upgrade of the Peoplesoft 7.5 Financials system to Peoplesoft 8.42 – completed April 15 2003 – in addition to ongoing support, administration, monitoring and tuning of the Peoplesoft Financials production as well as other databases and special projects in the financials business sector.

Peoplesoft, Oracle and Tuxedo administrator and technical architect for the project integrating special Oil and Gas accounting functionality, which had been running on MVS/IMS, into the existing Peoplesoft 7.5 AP/GL system. Part of my responsibility was the upgrade from Oracle 7.3 to Oracle 8i with the mandate to maintain or improve the performance of existing jobs and reports crucial to the on-time generation of the monthly financial statements. Evaluated, recommended and used Loadrunner for performance and load testing for both the database and the Tuxedo server. The project came in on time, under budget, delivering excellent performance.

Optimized existing and developed new extraction and cleansing routines for the datawarehouse running on Oracle 8 and feeding into Hyperion Essbase data cubes. The source systems include the Peoplesoft 7.5 AP/GL system, other Oracle databases and Clipper (dbase) systems in remote sites. For data loading and cleansing Java and PL/SQL routines were used.

City of Calgary, Calgary

September 2001 – March 2003

Troubleshoot, monitor and tune Peoplesoft, Oracle and the PIA (Tuxedo and Apache) of Supply chain 8 SP2 (IN, PO) in the final implementation stage and in production. In January 2002 the City's Peoplesoft 7.5

HR and Financials system were included in the monitoring and tuning. Participated in early planning for the upgrade to Peoplesoft 8 of the HR and Financials systems.

IBM Canada, Vancouver / Planetclick Inc., Denver

January 2000 – June 2000

Provide remote DBA support to a project to redesign a web application and change the backend database from Sybase SQL Server to Oracle 8i Release 2 on Sun Solaris utilizing Intermedia Text indexes and advanced replication.

Continued remote support of the production database after completion of the redevelopment project and development of the conflict resolution procedure for the multi-master replication solution.

IBM Canada, Vancouver

August 1998 - June 1999

Provide Oracle, DB2 and Peoplesoft Administration to a project developing a Web-based Student Administration system, accessing a Peoplesoft 7 Higher Education (Student Administration) system. Install and configure BEA Tuxedo on AIX and Windows NT. Apply and migrate Peoplesoft fixes and development projects through the development -> test -> build environments. Replicate and refresh development and test environments. Troubleshoot problems during the build process.

The system uses Java and JDBC to read, and Peoplesoft Message Agents to update the data. The environment consists of Netscape http server and IBM Websphere on both Windows NT and AIX, Peoplesoft 7 and 7.5 Student Administration on Windows 95/NT, and Oracle 8 on NT4 and AIX 4.2, and DB2 universal database 5.2 on NT4 and AIX 4.2.

ICG Propane, Calgary

December 1997 - July 1998

Upgrade of Peoplesoft Financials/Distribution 5 to 7. Installation and configuration of 7.01 and 7.5 systems (AM, AP, AR, BI, GL, IN, OM, PC, PO). Setup of demo and sys databases. Installation and configuration of BEA Tuxedo on HP-UX and Windows NT. Capacity and project planning for the Peoplesoft 5 to 7 upgrade. The project was cancelled when ICG's parent, Petro-Canada, sold the subsidiary to a buyer with a different ERP system.

Perform Peoplesoft/Oracle Application DBA function. Tune performance of the to-date 60G production database. Set up and use SQA Robot for repeatable performance benchmark scripts. Develop MS Access queries to graph the results. Create an application using Peopletools, Process Scheduler and Oracle stored procedures to dynamically create triggers to audit data corrections by analysts.

United Water Resources, New Jersey

November / December 1997

Assist in the implementation of the Peoplesoft Asset Management module. Upgrade Peopletools 5.11 to 5.12. Tune performance. Develop change control procedures. Train application DBA.

ISM Alberta, Calgary

August 1997 - November 1997

Tuning of a centralized price-book maintenance system for retail outlets. The client was in the rollout phase and the performance of the initial price-book creation for new outlets was threatening the rollout plan. Long term it was anticipated that the sales history upload will outgrow its batch window.

- Improved performance of the initial price-book load 3-fold, making obsolete a costly plan to replicate the database in order to run multiple price-book creation jobs in parallel.
- Re-organized the database for better I/O balancing and set the database on a growth path which avoids fragmentation.
- Identified changes to the ongoing price-book maintenance job and the sales history upload to improve their performance.

United Water Resources, New Jersey

June 1996 - June 1997

Implementation of the “Integrated Financial Management System” consisting of most of the PeopleSoft Financials 5.11 modules in a Windows for Workgroups - Novell network - Oracle database environment. Responsibilities included

- Technical support for PC configuration, Windows for Workgroups, Oracle SQL*Net, TCP/IP, and Oracle database problems and questions.
- Collecting, combining and loading financial history from 3 legacy mainframe systems - CA Masterpiece, M&D GL and AP, and M.A.S 90 - into PeopleSoft.
- Applying PeopleSoft fixes and migrating them, as well as customizations, through the development-test-production cycle.
- Setup of the production environment on a HP-UX 10.1 - Oracle 7.3 server.
- Database administration, monitoring and tuning of the production system during its crucial first days and months of production. In one case I reduced - through various tuning measures - the runtime for nVision month-end and year-end reports from more than 4 hours to less than 10 minutes.

Employment History

University of Calgary, Calgary Senior Peoplesoft DBA and Administrator October 2004 – January 2006

Senior Database Analyst and Administrator for the university’s Administrative Systems Renewal project implementing Peoplesoft Financial, Material Management, Human Resources, and Student Administration. Steered the databases from Peoplesoft install through go-live of the Financials implementation phase, including a successful switch to the standby database when a microcode bug caused block corruptions.

Responsibilities:

Provide overall leadership and technical support for all core system (PeopleSoft – Financial, Materials Management, Human Resources and Student Administration) database services.

Ensure that external and internal regulations and policies governing data management are met including regulations concerning security, auditability and privacy.

Supervise, mentor and train other database staff.

Plan and coordinate database security measures and access controls.

Achievements:

- Immediately, and single handedly, managed the implementation of Oracle databases for development, test and production of Peoplesoft Finance/Supply Chain Management, HR, and Student Administration. Continued to maintain multiple databases for each system including on-demand duplications and refreshes. 3 different and separate development groups meant managing 20 to 30 databases and associated middle tiers.
- Proactively investigate performance characteristics of the expected production databases using open source tools (the Grinder).
- Invent and implement a solution to prevent SQL generated by PSQUERY to consume too many database resources.
- Monitor the production database, application server, and web server and tune long running queries and processes.

Petro-Canada, Calgary

Application Specialist

Apr 1990 - June 1996

Responsibilities:

In interaction with the users evaluate, develop and implement integrated client/server solutions to assist in meeting the clients' business goals and objectives.

Advise and assist developers and management on issues regarding development tools, databases, communications, client/server architecture.

Achievements:

Contributed and participated as a core project team member in the successful delivery of a distributed General Ledger system (Peoplesoft GL with Oracle on AIX) in time and under budget. This system has improved the timeliness of financial reporting while giving online access to the underlying data. My main deliverables were: technical advisor to project leader and management - benchmarking and stress testing - architect the placement and integration of application, communication and database components - implement business rules using database triggers and stored procedures - performance tuning

Established the dynamic workstation configuration that became the basis for the standard workstation configuration in the corporate division.

Developed a Windows application to verify/create the necessary environment before starting other applications, resulting in simplified installs and fewer support calls.

Early adopter of object-oriented methodology. Evaluated development tools and recommended Powerbuilder for client/server development in 1992. Chaired the project that defined and established standards for Powerbuilder development.

Designed and implemented rules and procedures for source code control for the corporate division. Received favorable review for speed of implementation.

Petro-Canada, Calgary

Database Specialist

Oct 1985 - Apr 1990

Responsible for installation and maintenance of IMS DB/DC, DB2, SQL/DS, and related products. Formulated strategies and procedures related to databases and transaction monitors.

Led the project to review an acquired IMS-based software package. Identified and implemented changes which - **without program modifications** - resulted in substantial reduction of CPU consumption and improvements in on-line and batch performance.

Designed and programmed a DB2 call attach program interface that enabled a modular design of on-line applications.

Designed and implemented a user friendly menu front-end for IMS applications

Canadian Utilities, Edmonton

Systems Programmer

Sep 1982 - Oct 1985

Responsible for installation and maintenance of IMS DB/DC, CICS, DISOSS, ADABAS, NATURAL

Developed crucial modifications to the original NATURAL/IMS interface to make it functional. Created an on-line ADABAS monitoring system under NATURAL.

Sulzer Brothers, Switzerland

Database Administrator

Jul 1979 - Jul 1982

Responsible for installation and maintenance of DL/1 in a CICS-DOS/VSE, later MVS, complex.

Proposed and developed a CICS application which enabled operations to take applications on-line or off-line individually, without shutting down the system, increasing availability for unaffected applications.

Development Lab, IBM Germany, Böblingen

Systems Programmer

Jun 1974 - Jul 1979

In a team of two, designed and programmed the operating system kernel of a hardware test system for the 43xx series. Recognized with awards for our accomplishment.

Education

1974 Technische Universität Stuttgart, Germany: Diploma (equivalent to Masters) in Mathematics, Physics and Computer Sciences

Courses / Seminars / Conferences

- 2006 Speaker at the Trivadis CBO Days:
 - Histograms – Myths and Facts
 - Tuning by Cardinality Feedback
- 2006 Speaker at the Collaborate Technology and Applications Forum for the Oracle Community:
 - Histograms – Myths and Facts
- 2006 Speaker at the 2005 Hotsos Symposium on Oracle System Performance:
 - Tuning by Cardinality Feedback
- 2005 Speaker at the 2005 UKOUG (UK Oracle User Group) Conference and Exhibition:
 - Histograms – Myths and Facts
- 2005 Speaker at the 2005 Hotsos Symposium on Oracle System Performance:
 - The effect of optimizer_index_cost_adj and optimizer_index_caching on access paths
 - Histograms – Myths and Facts
- 2004 Speaker at the 2004 UKOUG (UK Oracle User Group) Conference and Exhibition
 - Using DBMS_STATS in Access Path Optimization
 - Misconceptions of the Cost Based Optimizer
- 2004 Speaker at the 2004 Hotsos Symposium on Oracle System Performance:
 - Using DBMS_STATS in Access Path Optimization
- 2003 Speaker at the AOTC (Atlantic Oracle Training Conference) Spring 2003:
 - What is new in the Oracle 9i Cost Based Optimizer
 - Tuning with Statistics
- 2003 Speaker at the IOUG Live! Conference:
 - What is new in the Oracle 9i Cost Based Optimizer
- 2003 Speaker at the 2003 Hotsos Symposium on Oracle System Performance:
 - A Look under the Hood of CBO - the 10053 Event
 - Fallacies of the Cost Based Optimizer
- 2002 Speaker at the IOUG Live! Conference:
 - A Look under the Hood of CBO - the 10053 Event
- 1999 BEA TUXEDO and BEA Jolt Seminar for PeopleSoft
- 1993 Peoplesoft Financials System Administration
- 1993 Oracle 7 database administration
- 1992 Graphical user interface design
- 1986-1992 Regular attendance of the SHARE Conferences.
 - Member of the Distributed Relational Database Committee
- 1987 Internals of Relational Database Management Systems

Professional Associations

Member of ACM and the “Management of Data” special interest group (SIGMOD)

Member of the Calgary Oracle User Group

1995/96: Advisor in the Junior Achievers’ Company program

References

available upon request

Technical Skills

Category	Skills	years
Desktop	Windows XP	3
	Windows 2000	4
	Windows NT 4	4
	Windows 9x	5
	Windows 3.1, WfW	3
Databases	Oracle certified DBA (Oracle 7, 8, 8i, 9i)	12
	MS SQL Server 7, 2000	2
	DB2 UDB	2
	DB2	5
	ADABAS	2
	IMS/DB	5
ERP	Peoplesoft Peopletools 2 – 8.4 Peoplesoft Financials / Supply Chain 1 – 8.4 Peoplesoft HR 7.5 Peoplesoft Student Administration 7 - 7.5	12
PIA	BEA TUXEDO 6.3, 6.4, 6.5, 8.1	7
	BEA Weblogic 6.1, 8.1	5
	Apache	1
Languages	JAVA	2.5
	Korn shell	4
	Perl	4
	C/C++	4
	IBM Assembler	15
	COBOL / COBOL II	5
	CLIST, REXX	4
	Smalltalk	1
Application Development	Visual C++	3
	CICS/BMS	5
	IMS/MFS	5
Operating System	Unix (HP-UX, AIX, Solaris, Tru64)	10
	MVS/ESA, MVS/XA	15
	VM	3
	JES3, JES2	15
TP Monitor	IMS/DC	5
	CICS	5
	TSO, ISPF Dialogue	10
	CMS	3