

RESUME

Martin Harnois Data Warehouse Specialist / Business Intelligence

General informations :

Address : Montréal, Qc
Working languages : French, English
E-mail : martin@harnois.qc.ca

Formation

- Education :

Bachelor's degree in MIS
University of Sherbrooke, 1989

- Professional :

PMP and CAPM preparation seminar	PMI Montréal
Oracle9i Warehouse Builder	Biond
Oracle 8i: New features for administrators	Oracle
Oracle RDBMS Architecture	Orisoft
Introduction to Oracle	Gespro
Preliminary Analysis	DMR
System Architecture	DMR
Conceptual Data Modeling	DMR
Functional Data Modeling	DMR
Conceptual Process Modeling	DMR
Functional Process Modeling	DMR
System Implementation	DMR
Release Development	DMR

Special Skills :

Oracle Certified Database Administrator on **Oracle Certified Professional Program** (1998)

Systems and Softwares

Oracle 10g
Oracle Warehouse Builder 10g and 9i
Oracle 9i Designer
ERwin Data Modeler
Silverrun MRD, DFD, EAX
Rational Rose Data Modeler
Unix (HP -UX, AIX, Solaris)
Windows 2000 Server and NT
DB2
Non-Stop SQL/MX and MP
Oracle applications 11i
Oracle Forms and Reports

Languages

SQL
PL/SQL
Java - SQLJ
SQR
Pro C
C
Shell script Unix
KML
COBOL et COBOL II
JCL
REXX
SAS

Utilities

Ms Project 2003
Oracle Enterprise Manager
SQL*Net - Net8
TOAD
SQL*Plus / SQL*Loader
Oracle Export / Import
Oracle Adadmin and Adpatch
TKPROF
Oracle Transparent Gateway
SQLab and SQL Navigator
Precise/SQL
VI, CRON
TSO/ISPF/PDF

Achievements :

Cogeco Cable Inc.

September 2007 – present

BI Analyst, BI Architect

- Design of functional specifications for ETL processes.
- Data modeling using star schema concept.
- Integration and acceptance phases testing.

Environnement :

Oracle 10g, Oracle Warehouse Builder 10g R2, ERwin Data Modeler, SQL Developer, SQL, Solaris (Unix), Sun Servers, IBM AS/400 and SQL Server.

TD Meloche Monnex Group, Home and Auto Insurance

December 2003 – June 2007

BI Project Manager

- Chief Assistant for the *Business Intelligence* project manager for large projects.
- BI Project manager for small or medium projects leading a team of 10 persons.
- Coordination with all stakeholders.
- Development of project charts.
- Creation and monitoring of project plan.
- Risk identification and management.
- Production maintenance team leader.
- Method : Based on PMI norms (*Project Management Institute*).

BI Architect

- Participation to the design of the new corporate data warehouse architecture.
- Data modeling using star schema concept.
- Architecture design for ETL (*Extraction, Transformation, Load*) processes.
- Impact analysis and cost estimation.
- DMR Productivity Plus method.

Environnement :

Oracle9i, Oracle9i Designer, Oracle10g Warehouse Builder, Ms Project Professional 2003, TOAD, SQL, SAS, Data Mirror, Sun and IBM AS/400 servers, SAN.

Martin Harnois

TD Meloche Monnex Group, Home and Auto Insurance

July 2003 – November 2003

BI Analyst

- Design of functional specifications for ETL processes.
- Functional phase testing
- Metadata modification.
- DMR Productivity Plus method.

Environnement :

Oracle9i, Oracle9i Warehouse Builder, TOAD, PL/SQL, SQL, Reflection X, Solaris (Unix), Data Mirror, Control-M, Sun and IBM AS/400 servers, SAN.

Gaz Métropolitain

January 2003 – July 2003

BI Analyst

- SAP implementation impact analysis on the Marketing and Sales Data Warehouse.
- Oracle environment.
- Data modeling.
- Database objects creation.
- Designed functional specifications.
- PL/SQL programming.
- Data documentation.

Environnement :

Oracle 8i, SAP, TOAD, PL/SQL, SQL, SQL*Loader, Net8.

Martin Harnois

Microcell Télécommunications

June 2002 – October 2002

BI Analyst, BI Architect

- Datamart and Data Warehouse system development
- Oracle and Solaris (Unix) environment.
- Data modeling using star schema concept.
- Database objects creation
- Performance tuning.
- Disk space evaluation.
- Designed functional specifications
- PL/SQL programming.
- DMR Productivity Plus method.

Environnement :

Oracle 8i , Oracle Designer, Solaris (Unix), Windows NT, Net8, TOAD, PL/SQL, SQL, Seagate Info Cube, Sun Enterprise 450 and 6800, VI, FTP, TCP/IP.

Technologies NTER (created by Loto-Québec and CGI)

May 2001 – May 2002

Data architect, Database Administrator

- Lottery management system.
- N-tier application - Oracle, Java (J2EE), Windows 2000 Server, NonStop SQL and Unix environment
- System architects team member.
- Data modeling from the object-oriented model.
- Database creation.
- Oracle installation.
- Analysis and recommendation about migration to Oracle 8i and 9i.
- Participation to the technical architecture of an Oracle applications 11i implementation (Oracle Financials).

Environment :

Oracle 8i and 9i, Rational Rose Data Modeler, ERwin, Java, J2EE, JDBC, Windows 2000 Server, NonStop SQL/MX and MP, OSS - Unix, Tacl, JDK, Net8, SQL, VI, FTP, TCP/IP, Oracle e-Business Applications Suite 11i, Compaq Proliant DL380 and NonStop Himalaya S-Series Server (Tandem technology).

Martin Harnois

Nortel Networks Corporation

October 2000 – April 2001

Database Administrator

- Administration of manufacturing production databases
- 3-tiers applications - Oracle, Unix, and Windows NT environment
- Databases located in Canada, USA and Northern Ireland.
- 24/7 production support with pager.
- Oracle installation and upgrade.
- Oracle applications 11i administration and installation.
- Database creation.
- Disaster recovery plan implementation.
- Performance tuning.
- Database reorganization.
- Disk space evaluation.
- Oracle support to the development team.

Environment :

Oracle 8i, HP-UX – Unix, Windows NT, Oracle Enterprise Manager (OEM), Oracle e-Business Applications Suite 11i, Adadmin, Adpatch, Net8, PL/SQL, SQL*Plus, SQL, VI, FTP, CRON, TCP/IP, HP N4000 and L2000.

Wrebbit Inc.

February 2001 - April 2001

Coach

- Databases administrators coaching.
- On site databases evaluation.
- Part time : 1 evening / week.

Environment :

Oracle 8i, Windows NT, Oracle Enterprise Manager (OEM), Net8, PL/SQL, SQL*Plus, SQL.

Martin Harnois

Confédération des caisses populaires et d'économie Desjardins du Québec

June 1996 – September 2000

Data architect, Database Administrator

- Call center and inventory management system for a bank institution (credit union)
- Client/Server application - Oracle, Unix, OS/2 and Windows NT environment
- Database management.
- Conceptual Data Modeling
- Write a data dictionary.
- Develop a data replication system with RDBMS DB2 and Oracle.
- Disk space evaluation.
- Performance tuning.
- Database reorganization.
- Installation and upgrade.
- SQL*Net Configuration.
- Oracle support and training to the development team.
- PL/SQL programming.
- Disaster recovery plan with Oracle 7 and Oracle 8

Environment :

Oracle 7 and 8, IBM AIX – Unix, OS/2, SQL*DBA, Oracle Server Manager, Silverrun MRD, SQL*Net, PL/SQL, SQL*Plus, SQL, SQLab, Precise/SQL, Oracle Transparent Gateway, KML, VI, CRON, PVCs, TCP/IP, DB2, IBM RS/6000 and RS/6000 SP, IBM PC, IBM 3090 mainframe.

Standard Life

February 1996 - May 1996

Analyst programmer

- Pension plan system.
- Client/Server application - Oracle, Unix and Windows environment
- Pro C, PL/SQL and JAM 5.0. programming

Environment :

Oracle 7, IBM AIX – Unix, Windows 3.1, Pro C, PL/SQL, JAM 5.0, SQL*Plus, SQL, IBM RS/6000, IBM PC and compatibles, Word.

Martin Harnois

Teleglobe Canada Inc. / DMR Group Inc.

July 1995 - January 1996

Functional Analyst

- Overseas telecommunication billing system.
- Client/Server application – Oracle, Unix and Windows environment .
- Designed functional specifications.
- Team leader.
- Change request evaluation.
- DMR Productivity Plus method.

Database Administrator Assistant

- Performance tuning.
- Database objects creation (tables, indexes, views, synonyms, etc.).
- Security access managements.
- Data integrity responsible during tests.

Environment :

Oracle 7, Unix, Windows 3.1, Oracle Reports 2.5, Oracle Forms 4.5, C, Pro C, SQL, SQL*Plus, SQLWindows, FTP, SQR, SQL Operator, Sequent, IBM PC and compatibles, Word Perfect, SQLTalk.

February 1995 - June 1995

System Architect

- Overseas telecommunication billing system.
- Client/Server application – Oracle, Unix and Windows environment .
- Conceptual Data Modeling
- Conceptual Process Modeling
- DMR Productivity Plus method.

Environment :

Oracle 7, Unix, Windows 3.1, Silverrun DFD, MRD et EAX, Oracle Reports 2.5, Oracle Forms 4.5, C, Pro C, SQL*Plus, SQLWindows, SQLTalk, SQR, Word Perfect, SQL, Sequent, IBM PC and compatibles, IBM 3090, DB2, QMF.

Martin Harnois

Teleglobe Canada Inc. / DMR Group Inc.

June 1994 - January 1995

System Architect

- Overseas telecommunication revenue management system.
- Client/Server application – Oracle, DB2, Unix, MVS and Windows environment .
- Rewrite system's documentation based on DMR P+ method : Conceptual data and process modeling.
- DMR Productivity Plus method.

Environment :

Oracle 7, DB2, Unix, MVS, Windows 3.1, Silverrun DFD, MRD et EAX, C, Pro C, SQL*Plus, SQLWindows, SQL,SQR, Word Perfect, SQL, Sequent, IBM PC and compatibles, IBM 3090, DB2, COBOL, JCL, TSO, ISPF, QMF

September 1993 – May 1994

Analyst programmer

- Overseas telecommunication revenue management system.
- Client/Server application - Oracle, DB2, Unix, MVS and Windows environment .
- C, SQR, Oracle Forms 3.0 and COBOL programming.

Environment :

Oracle 6 and 7, DB2, Unix, MVS, Windows 3.1, C, Pro C, SQL*Plus, SQLWindows, SQLTalk, SQR, Word Perfect, Sequent, IBM PC and compatibles, IBM 3090, DB2, COBOL, JCL, TSO, ISPF, QMF, SQL.

Martin Harnois

National Bank of Canada / DMR Group Inc.

June 1993 – August 1993

Functional Analyst

Environment : IBM 3090, IMS DB/DC, DB2

July 1991 - May 1993

Functional Analyst and Analyst Programmer

Environment : IBM 3090, TSO/ISPF, MVS, IMS DB/DC, COBOL II, DB2, SQL, QMF, GSAM, JCL, Xpediter, Datamacs, File-Aid, BTS, Telon, Spufi.

May 1991 – June 1991

Analyst Programmer

Environment : IBM 3090, TSO/ISPF, MVS, COBOL, JCL, File-Aid, VSAM, JES2, SPSF, Panvalet

March 1990 - April 1991

Analyst Programmer

Environment : IBM 3090, TSO/ISPF, MVS, COBOL, JCL, Easytrieve, Xpediter, File-Aid, VSAM, JES2, SPSF, Panvalet.

Martin Harnois

Tandem Inc. / DMR Group Inc.

January 1990 - March 1990

Analyst Programmer

Environment : Tandem CLX, Guardian 90, Non-Stop SQL, COBOL 85, Pathway, TACL, Peruse, FUP

Shell Canada limited, Calgary, Alberta

May 1989 - August 1989

Analyst Programmer

- University work-study program.

Environment : IBM 3090, MVS, TSO, ISPF/PDF, CLIST, REXX, SAS, JCL, JES2, Dialogue Management

Shell Canada limited, Oakville, Ontario

September 1988 - december 1988

Analyst Programmer

- University work-study program.

Environment : IBM 4341, VM/CMS, REXX, SAS, HP 1000, FRM, CI, Image/Query, FORTRAN, IBM PC and compatibles, DOS, Blast, BASIC

Provigo Inc.

January 1987 – April 1987

September 1987 - december 1987

Analyst Programmer

- University work-study program.

Environment : IBM 4341, VM/CMS, Exec, REXX, PROFS, DOS, IBM PC and compatibles, Lotus 1-2-3, DBASE III Plus.

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