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Profile

- Graduated from Épita, Paris (School of Computer Science and Advanced Technologies) in 1992; IT Engineer, AI major (equiv. Master's in Computer Science)
- **Oracle DBA Certified Professional**
- **More than 20 years IT experience: Object Developer and Designer; Software Architect; Consultant; Technical Project Manager; RDBMS Developer, Designer and Administrator; DevOps DBA; Enterprise Architect**
- Bilingual (French/English)

- Projects and teams from 1 to more than 100 people
- Diverse hardware and software architectures, languages, IDE, databases, tools
- Industries – Telco, Banking, Insurance and Communication
- Employers – start-ups, medium-size companies, blue chips
- Full project life cycle, from pre-sales and requirements definition to operational support and monitoring

Amongst my objectives

- Manage a team and/or be a technical reference and a mentor
- Assume a transversal or support role in a development project as a Software Architect, Senior Designer/Developer, Technical Project Manager, DBA, QA Expert... or act as a Consultant
- Work for an IT provider (Software editor, Consulting firm, Integrator, R&D company, ISP, ASP) or at least for a company for which information systems play a strategic role (Telco, Finance, Logistics...)
- Company size indifferent

Professional skills

- Very fast learner
- Problem solver
- Quality driven
- Self-motivated
- Well organized
- Goal oriented
- Customer focused
- Committed
- Calm under pressure
- Can do attitude
- Interpersonal skills
- Team spirit

Technical skills

Operating Systems

- Unix (AIX, Tru64, Solaris, HP-UX, Linux, Mac OS X)
- Windows (3.1 to 7)
- VMS, OS/2, Mac OS, MS/DOS

Languages

- C, C++, Java, XML, Fortran, Ada
- Lisp, Prolog, Smalltalk
- SQL, PL/SQL, Pro*C, O2C, OQL
- Shell, DCL, sed, awk, Ant
- Perl, PHP, HTML, CSS

Systems/Network Configuration, Administration and Monitoring

- TNG Unicenter, HP OpenView, BMC Patrol, Remedy, Nagios, Cfengine
- Legato NetWorker, Oracle OEM & RMAN

Database Management Systems and Middleware

- Oracle 7/8/8i/9i/10g/11g/12c (Developer, Designer, DBA)
- MS SQL Server, MS Access, MySQL
- AIRS (Multimedia Retrieval System)
- O2 (Object DBMS)
- Tuxedo, Apache, OAS, OC4J, WebLogic, JBoss, WebSphere

Design/Development tools

- NSDK, NSDK/2, Natstar, PowerBuilder
- Eclipse, Visual C++, Visual Basic, Hypercard
- Confluence, JIRA
- SQL*Plus, Toad, PL/SQL Developer
- Visual Source Safe, ClearCase, CVS, PVCS, Git
- PowerDesigner, ERwin, Objecteering/UML

Business Intelligence and Enterprise Architecture

- Business Objects, Cognos Connection, Framework Manager, Powerplay Transformer
- Iteraplan

Career path

Since Nov. 2009: DevOps DBA and Enterprise Architect

Montreal

Loto-Québec, development and operations of provincial lotteries – over 7,000 people

- Member of a central team of developmental/operational, BI-oriented DBAs
 - Mainly in charge of database setup, design, maintenance, support for a strategic development project
 - Participate in several other projects and support activities, including a technological migration to Oracle 11g / HP-UX
 - Create a “Swiss Army Knife” DevOps Ant-based Perl tool for Oracle database structure configuration and change management, taking into account various needs and constraints such as environment type diversity, technical resource shortage requiring schema consolidation and/or duplication, database component dependencies, OS/database setup discrepancies, protean project team
- Enterprise Architect
 - Pilot for the design and the deployment of an enterprise architecture repository based on Iteraplan EAM software
 - Participate in business-oriented and technology-oriented enterprise architecture round tables
- Windows XP/2003/2008/7, HP-UX 11i, Red Hat Linux
- Oracle 11g/12c, PowerDesigner, ClearCase, ClearQuest, PL/SQL Developer
- Agile development, DevOps, IBM WebSphere, Cygwin, Perl, Git

Sept. 2008 - Oct. 2009: Senior Database and Product Architect

Montreal

Interfacing Technologies, Business Process Management software editor – 25 people

- Single point of contact for all database-related activities, for two BPM products, and three different RDMS, notably:
 - Participate in product architecture brainstorming sessions
 - Review current database model and propose a gradual approach for implementing major enhancements
 - Industrialize database build and deployment processes and fix and consolidate database initialization scripts: ensure data type and naming consistency while managing database peculiarities, improve DB script maintenance using a combination of templates and properties, review database security and storage
 - Reengineer database upgrade process within the context of Agile Scrum development constraints: create DB version repository; implement a nested, nonlinear and automated approach of database changes, allowing to apply individual changes on distinct project branches, and executing pre- and post-upgrade tasks using database system dictionaries; create database catalog export scripts, producing comparable outputs for every RDBMS, helping to ensure the equivalence between a newly created database and a database having been migrated from a previous version
 - Bring in the use of stored procedures
 - Help development by centralizing database changes, discussing design and answering coding questions
 - Help marketing by redesigning and implementing reporting databases and related BI framework models
 - Help QA and support by checking/fixing/migrating specific customer databases
- Windows XP, 2003 Server
- RDBMS: Oracle 9i/10g, MySQL 5.0, SQL Server 2005
- PowerDesigner, JBoss Application Server, Cognos Framework Manager, Cygwin, Ant, Java, Eclipse, CVS

Feb. 2007– July 2008: Senior Developer and DBA

Montreal

Radialpoint, Value Added Service solutions provider for the largest North American and European Broadband Service Providers – 130 people

- As an Oracle DBA
 - Achieve day-to-day operational database administration, proactive monitoring and support
 - Participate in 24/7 on-call rotation
 - Plan and execute database server upgrades, and database backup and recovery
 - Design and implement new standards, procedures and supporting scripts for Oracle setup and administration
 - Test, review and execute major applicative upgrades in a highly concurrent transactional environment
 - Set up a large replication and data warehouse database
 - Help the development team with performance tuning and code rewrites
 - Create, maintain and upgrade development, QA, integration and pre-production database environments
- As a Senior Developer, within the BI development team
 - Participate in collaborative design discussions, development process decisions, architecture choices, and peer code reviews
 - Standardize BI tool usage; rewrite and streamline existing code, for better quality and maintainability
 - Implement new features, write documentation, help with applicative builds and QA testing
- Oracle Unbreakable Linux, Windows XP
- Oracle 9i/10g, MySQL 5, Oracle E-Business Suite, BEA WebLogic, Apache, Perl, PHP, Nagios, Cfengine
- Agile development, JIRA, Confluence, J2EE, Ant, Java, XML, Eclipse, CVS
- Cognos Connection, Powerplay Transformer, Framework Manager

Apr. 2006 – Feb. 2007: Senior Developer and DBA**Montreal***Jesta I.S., apparel and footwear industry software editor – 85 people*

- Involved in the development of a web-based accounting application (GL, AP, AR), integrated with core retail and Sourcing and demand systems: design, coding, patch creation...
- Participate in addressing corporate technical challenges: choice of design/development tools, development process improvement, technical architecture, generic utilities, etc.
- Support and training on Oracle tools
- Internal and external database creation/cloning (Unix, Windows)
- AIX 5.3, Windows XP
- Oracle 10g (database, application server), Oracle Containers for J2EE (OC4J), PVCS, ERwin, PL/SQL Developer

Oct. 2005 – Apr. 2006: Business Intelligence Technical Analyst**Montreal***Loto-Québec, development and operations of provincial lotteries – over 7,000 people*

- Analysis, design and development of a generic utility purging Loto-Québec's data-warehouse databases, based on numerous PL/SQL packages for: monitoring, logging and debugging treatments; parsing and executing dynamic SQL code, especially DDL statements; querying database's dictionary; etc.
- Windows NT4 & XP
- Oracle 9i, PowerDesigner, ClearCase, ClearQuest, PL/SQL Developer

June 2000 – Sept. 2005: Operational DBA – Technical Architect – Business Analyst**London, UK***Equant, the leader in worldwide business communications – over 9,000 people*

- Oracle database administration related activities
 - Design and implement in several data centers a standardized operational environment for Oracle production databases on Unix platforms, using a CVS repository for organizing, centralizing, updating and deploying chosen scripts and utilities onto each server node;
 - Design, code and maintain an industrial cross-platform backup management tool based on Oracle RMAN and Legato Networker;
 - Clone, migrate, tune and optimize Oracle databases;
 - Periodically install and upgrade database and application server software;
 - Within the framework of a global DBA team, coordinate Oracle backup standardization across all Equant data centers worldwide;
 - Actively participate in a critical disaster recovery project;
 - Realize day-to-day DBA tasks: database administration, proactive monitoring and support.
- Other projects and achievements
 - Define requirements, evaluate and choose design/development tools, perform business analysis and technically sketch out an in-house groupware application to be used by customer-facing teams setting up and upgrading network hardware and services for UK business clients;
 - Lead the development of an internal hardware/software inventory application for London data center, combining manual and automated data loading/access tools;
 - Design and develop a cross-platform application-monitoring tool, interfaced with an alert notification system and a KPI database.
- Internal consultancy and support for the UK business unit
 - Give recommendations to internal and external development teams regarding database and software upgrade procedures;
 - Assist (level 2 support) UK end-users with local groupware and document management software.
- Context: UK Data Center (Equant)
- Working language: English
- Unix (HP-UX, SUN Solaris, Red Hat Linux), Windows NT4, Windows 2000
- Oracle 8/8i/9i, PowerDesigner, PL/SQL Developer, Netscape Communicator, Livelink, Netscape Web Server, Oracle Application Server, BEA Weblogic, HP OpenView, BMC Patrol, Legato Networker, Oracle Enterprise Manager and Recovery Manager

Nov. 1998 – Apr. 2000: Oracle Developmental DBA**Paris, France***Société Générale, the third French bank – 93,000 people worldwide*

- Install and upgrade Oracle server on several Unix systems
- Create, configure, backup, tune database instances
- Help analysts to design Oracle/SQL Server databases, centralize conceptual and physical models changes
- Define a common logical architecture for Oracle databases and develop low-level technical PL/SQL packages
- Support the development team (design, daily DBA, coding)
- Strategic project: replacement of Société Générale branches information system
- Key figures: 150 people – 3 years – 35,000 MS Exchange end-users – 2,500 Intranet Web servers
- Unix clusters (Compaq True64, Sun Solaris, IBM AIX), NT4 servers
- Oracle 8, MS SQL Server, MS Exchange, IIS, Tuxedo, BMC Patrol, TNG Unicenter, SSO

- Sept. 1996 – Oct. 1998: Oracle Designer and Developer** **Paris**
Adways, advertising market software editor – 50 people
- Design and implement a multimedia database merging different providers' data (TV, radio, press), accessed by advertising agencies, helping them to choose best available marketing offers
 - Develop server-side data conversion and integration tools
 - Manage the 'server' team
 - Project of European standing, working language: English
 - Unix (HP/UX), Windows 95 and NT
 - Oracle 7, Exceed, Desktop DBA, S-Designer, Access, Visual C++, Visual Basic, Visual Source Safe
- May 1996 – Aug. 1996: Consultant (customer services)** **Paris**
BULL, computer manufacturer and IT service integrator – 8,000 people
- Pre-sales
 - Technical architecture and studies
 - Technical audit
 - Developers' mentoring and coaching
- May 1996 – Aug. 1996: Technical Architect of a telecom and data management system** **Paris**
EDF GDF Services, subsidiary of French national electricity and gas operators – 200,000 people
- In charge of the technical architecture of an automated billing system for EDF GDF professional customers, interfaced with electricity meters
 - Object analysis and design, 3-tier Client/Server, TP Monitor, real-time processing
 - Unix (DPX/20 and ESCALA) and NT servers
 - Objecteering, AMC*Designer, Sybase SQL Server, PowerBuilder, Tuxedo, Access Master, PVCS
- Jan. 1995 – Apr. 1996: Systems Analyst – Technical Project Manager** **Paris**
Caisses d'Épargne, the fifth French bank – 55,000 people
- Design several user-friendly tools for Caisses d'Épargne marketing, around an electronic documents database to present their banking products in comparison to their competitors' offers
 - Manage a team of 2 developers
 - Client/Server Information Retrieval System
 - Unix (AIX), OS/2 PM, Windows NT, Windows for Workgroup and 3.x
 - AIRS DBMS, AMC*Designer, Visual C++, Visual Basic, MS Access, MS Word
- Mar. 1994 – Dec. 1994: Design Engineer – Technical Expert: NSDK/2 – Repository Manager** **Paris**
France Télécom, historic French national telecom operator – 200,000 people
- Within a team of twelve developers, involved in the development of a client/server logistics and billing software for managing items sold or rented in France Télécom commercial branches
 - Second Generation Client/Server
 - Unix (DPX/20 AIX and PC SCO), OS/2 PM
 - Oracle 6, Oracle 7, NSDK/2
- Jan. 1993 – Feb. 1994: Development Engineer (insurance division)** **Paris**
BULL, computer manufacturer and IT service integrator – 8,000 people
- Design, develop, install and present a multilingual customer care database intended for banking and insurance companies
 - Object Database Management System: O2
 - Unix server (DPX/20) and X Terminals (X11/Motif)
- Jan. 1992 – Dec. 1992: Development Engineer** **Paris**
CEA, public research organization managing French civil and military nuclear energy programs – 15,000 people
- Develop a program for checking the validity of French nuclear stations security control software
 - Constraint Programming
 - VAX/VMS
 - Fortran, Prolog, Assembler

Personal touch

Personality

- Open-minded
- Creative
- Curious (horizontally)
- Curious (vertically)

Hobbies

- Classical and contemporary literature
- Philosophy, Sci fi
- Cognitive sciences
- Classical, jazz and world music
- Clarinet playing
- Independent and art-house cinema
- Mathematical and logical games
- Yoga
- Cycling