

## Arnaud Degraeve

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# SQL Server DBA – Teradata DBA Project Management - Development

## SKILLS OVERVIEW

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### Functional

- Developers management in cultural diversity (offshore) – up to 16 persons
- Project management (plannings, costs, resources, deliveries)
- Project direction (management of several projects in the same time for different clients)
- Structural and functional audits of SME / SMI
- Extrem programming / Agile implementation
- Human management (management of crisis, emergencies, team psychology and consistency)

### Expertise

- SQL Server all versions management
- Teradata 12 – 13 – 14 management
- Data securization – indexing – tuning – normalization and databases denormalization
- Networking (Installation – maintenance) Microsoft - Linux
- Interfacing with Oracle (data import via ETL, SSIS, Queries)
- Microsoft n/3 Architectures
- Dot net development (VB.net / C#)
- Securization and integration in Active Directory
- Execution plans – Queries and import processes tuning (hints, locks, guideplans ...)
- Databases management and housekeeping
- [Technical editor for Rob tiffany's book \(Mobility Architect at Microsoft Seattle\): Keeping Windows 8 tablets In Sync with SQL Server 2012](#)

### Development

- Development of end user interfaces (VB / ASP / Dot Net)
- Building and managing of Data warehouses.
- Building reports (Crystal Report / BusinessObjects / SSRS)
- SQL Server (2000 / 2005 / 2008 / 2012)
- Teradata 13.10 / 14.10 Macros / Stored procedure /
- Installation / Deployment and maintenance of business applications
- Interfacing / Development with the most known databases (Oracle, Sybase, DB2, Postgres, mySQL)

## OFFICE SKILLS

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**Software:** Pack Office – MS Project  
**Databases:** DB2, Access, MySQL, Postgres, SQLServer all versions, Teradata / Oracle (development)  
**Development:** SQL Server 2000 / 2005 / 2008, SQL, JavaScript, Vbscript. ASP, VB, Dot net, VBA – SSIS - SSRS  
**System:** Linux, Windows NT 4 / 2000 / 2003 / 2008 - MVS

From 01/2014 – from present

TERADATA – PS Consultant Team - Teradata 14.10 / On call duty

- Database tuning – queries optimization / development help and advice
- Troubleshooting on problems. Incidents and changes management for clients
- Interface with Teradata CS support
- Implementation of solutions in client context (bank)
- Metrology development – Space management, resources usage, reports about users and inconsistencies
- On call duty on nights and week end on production systems
- Software development in Shell script to block /unblock users / reset and change password of accounts
- Management of backups with Symantec Netbackup (v7) - Control-M
- Information system development for SHOEI Europe (Sales, orders, stock, website, replication, securization, exchange with accountancy software and Japan Information system)

SSIS / SSRS / C# / SQL Server 2008 / 2012 / Merge Replication / Netbackup 7.5/ Teradata 14.10 / Linux / Shell Scripts

From 04/2010 – 12/2013

SNCF - SQL Server - Teradata 13.10 / On-call duty

- Tuning and problems resolutions on production SQL server – Teradata databases and applications
- Management of crisis – failure of exploitation on the critical databases – Conference calls with clients and providers
- Merge replication (Tuning on e-Ticket project in order to solve, locks replications problems, response time about a merge between SQL servers and thousands of PDAs) – SNCF one of the three valuable client in the world using merge replication with more than 10.000 clients
- SQL Server 2008R2 implementation (Best practices, integration of the product within the company, Advice about databases migration) – Documentation
- SQL Server 2012 implementation (Best practices, integration of the product within the company, Advice about databases migration) – Documentation
- Management / implementation of monitoring with Tivoli (analysis / checking of the consistency of alerts / creation of script for features non covered by Tivoli)
- BI Databases optimization / Code review / Process review for importation and transformation of data
- Clustering deployment an use in productions systems– MSCS - version 2000 – 2005 – 2008 – 2008R2 (5 nodes clusters for e-tickets project
- Mirroring high performance / high availability mode(Principal, recovering, witness) in SQL Server 2008R2
- Analysis / code and design review of e-ticket project (merge replication / C# / assemblies / Broker)
- Interface with Microsoft premier support on the overall projects
- Teradata management – On call duty on production systems (backups – restore – performance analysis)
- Teradata development – Best practices management (based on problems met on production system)
- Management of backups with Symantec Netbackup (v7)
- Documentation on installation, deployment, best practices, for packaging and deployment
- Planning and internal projects organization / project management

SSIS / SSRS / Dot net / SQL Server 2008 / 2000 / 2005 / Clusters / Merge Replication / Mirroring / SAN / Nexus / Tivoli / Netbackup / Broker / Teradata 13.10 / MVS / Linux

11/2009 - 03/2010

Direct Group France – France Loisirs (MultiMedia Distribution)

- Transactional metrology development on production servers (using DataCollector).
- Development of transverse Surveillance tools in order to follow the product flows consistency (sales, storage,...)
- Tuning and empowering of user response time. Indexing, queries tuning, stored procedures tuning.
- Deployment and instance creation on production servers (48 cores).

SSIS / SSRS / Dot net / SQL Server 2008 / DataCollector

03/2009 - 10/2009

VIRTUAL Network – SQL server DBA for final clients

- EDI development for Carrefour France for FILTRAL (Uvex Group): SSIS for data import from SAGE 500 (ODBC) – Stored procedures development to build export files and for transformation data – Development of VB.net interface for front end users
- Databases administration for FILTRAL (5 servers) / SQL Server 2000 / 2005
- Monitoring and scheduling of data import
- Database administration for financial and commercial databases at SPINDAL – Server installation and creation af new SQL instance ( 2005)

SSIS / SSRS / Dot net / SQL Server 2005 / SQL Server 2000 / VB.net

02/2007 - 03/2009

**SFR – 9Cegetel - Tele2 ( Lead Telecom company in France / Europe)**

- Commercial migration of 3 million subscribers from Tele2 to Neuf Cegetel (SFR) using SQL Server 2005 - SSIS – SSRS. Interfaces with Oracle 9 and 10.
- Built of a complete information system in order to consolidate the consistency of data coming from 10 different applications (invoicing, network provisioning, directory, outstandings, prepaid cards...)
- Development of reports providing inconsistency for in-time data (SSRS).
- Development of import flows, to transform, extract , compare, export data - Dot net / SSIS
- Tuning of queries and execution plan in order to guaranty the response time of imports
- Hints insertion / fine tuning / guideplan
- Database administration - SQL Server 2005

SSIS / SSRS / Dot net / SQL Serveur 2005 / Oracle 7-9-10

01/2006 - 12/2007

**Missions for final clients of VIRTUAL Network – DBA SQL Server**

- Website development: Meeting site with management of emails, search criteria, profiles, events, picture upload, on line chat,...)
- Reports development from SAP for FILTRAL France / UVEX
- Development of a storage location management tool for FILTRAL France
- Statistics software development - Import from SAGE – tuning – in order to calculate details of sales. (3mn instead of 8hours in the original database) – scheduling of imports
- SQL instance creation and management plans

SQL Server 2005 / ASP / VB / Crystal Report / Dot net / Javascript / HTML / SSIS / SSRS / Sybase

01/2005 - 02/2006

**Internal development for VENTURY – DBA / development**

- Development of activity management tool and project management (full web) / reporting
- Development of a full web knowledge database
- Development of a maintenance / computer management with material and troubles tracing

SQL Server 2000-2005 / ASP / VB / Crystal Report / Dot net / Javascript / HTML

2005 – 2006

**Missions for final clients (SME / SMI) – DBA SQL Server**

- Databases / applications migration from SQL Server 2000 to SQL Server2005
- Development of RMA management application / Returns (interface with SAGE 500)
- Development of a Final Sale Prices / label printing
- Creation of SQL server instances / managements plans – Queries tuning.

Windows 2003 server / SQL Server 2000-2005 / ASP / VB 6

01/2002 - 02/2005

**System information development - Telecom**

- Development of RMA management tool of mobile phones – fixing and dispatching management for **CEGETEL SI**
- Development of RMA management tool for SFR – fixing status tracing
- Development of RMA tool for mobile phones - management of invoices / orders / status tracing – **GE Beauvais**

SQL Server 2000-2005 / ORACLE 9 / ASP / VB / Crystal Report / Dot net / Javascript / HTML

2003 - 2005

**System information development for FILTRAL France – SQL Server DBA**

- Development of data import between Sage and 2 SQL Server (10 tables, containing 4000 000 records, 2 times per day – ActiveX development – Indexing – Optimization of response time.
- Development of EDI with **CARREFOUR SPAIN** – Extract of invoices from SAGE 500 – Computing / formatting to EDI Format – Tracing / flagging of extracted and sent invoices on FTP site
- Treatment of final customer sales prices for distribution companies (Leclerc Carrefour). Mamangement of business rules (net price, raw price) – Invoices transformation, reporting, printing of label with the final price (Euro and French currency) - 15000 labels printed per day

SQL Server 2000-2005 / VB6 / Crystal Report / Dot net

01/2000 - 02/2003

**Audit and development of Financial and commercial Information System**

- Structural audit of **CAREX-ELDORAUTO (350 employees)** and implementation of a centralized information system consolidating 26 remote sites – Interface with insurance systems (DARVA) and Pacte Office (Renault) – New functional and structural concept implementation
- Development of an extracting tool : invoices in order to send to Factoring company – Tracing - for **CAREX-ELDORAUTO**. Extraction from SAGE – formatting to SAP format – automatic sent by mail and fax

SQL Server 2000-2005 / Oracle / ASP / Crystal Report / Dot net / Javascript / HTML / VB6 3/3 Microsoft

2000 - 2001

**Development of website for Mercedes – French central bank - Adaptec**

- Development of **MERCEDES FRANCE** online shop – online payment
- Development of automatic HTML generation application from dynamic data – in order to workaround the security rules that did not allow dynamic technologies at **French central bank**.
- Development of 4 modules of the **European ADAPTEC website** in **6 languages**: Cable selector / Product selector / Reseller selector / ...

Windows NT4-2000 server / SQL Server 7-2000 / VB 6 / ASP / Architecture 3/3 / MTS /

1998 - 2000

**Project management - Development CEGETEL SI –SQL server DBA (7/2000)**

- Mission of 30 months at **CEGETEL SI**
- Team manager with 5 developers for **CEGETEL SI**
- Migration of 350 applications Pack Office (version 6 to 97) at **CEGETEL SI**
- Technical support level 2 and 3 for RAD applications / developments at **CEGETEL SI**
- Data transfer application development, interfacing Tivoli (Active X development) at **CEGETEL SI**
- Crisis management on a orders / invoices application badly developed by another company for **Bourjois-Chanel**
- DBA and third applicative maintenance on ALATRANS (network troubles monitoring and management) at **CEGETEL SI**

VB 6 / HTML / Java / Architecture 3/3 / FTP, SQL Server7 et 2000, Access 97 et 2000, javascript / Sybase / Oracle

10/1996 – 10/1998

**Project management for BOWNE GLOBAL SOLUTION – Microsoft / Oracle provider**

- Project management on **Oracle Datamart**
- Project management on **Internet Explorer 4 French version**
- Project management on **Pack Office 2000 French version**
- Project management on **Windows 98 French version**
- Interface between the final client (**MICROSOFT** Dublin or **MICROSOFT** Seattle) and the production teams
- Software interface translation / localization (online help, books)
- Soft and DLLs recompilations
- Implementation of a translation tool based on memory segmentation
- Kick off in Dublin et and Munich for different projects

Windows 98 / NT4 / Catalyst / MS Project

1994-1996

**Software development – Technical lead**

- Mission of 15 month at **SULZER France** – Creation of a tracing and monitoring of marines engine / stationary engines.
- Development of end user interfaces
- Writing of client needs and rules
- Writing of technical specifications
- Development of diagnostic rules with business engineers
- Development of synchronization interfaces between Access central database and remote database (differential)
- Mission at **MENDEZ Traduction** – Technical lead on **FrontPage 98 French version** – Strings translation and DLL compilations

Windows 3.1 / NT4 / Catalyst / MS Project / VB 4 / Access 2.0

**FORMATION**

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1987

**Bac série A1** (mathématiques / Français) – lycée Jeanne d'Arc

1988

**Military Service in French Airforce** - BA 717 - Saintes – France

1989 –1994

**Psychology** – Toulouse University - France

**License of clinical psychology Licence** – Toulouse University - France

**Master of clinical psychology psycho-pathology** – Toulouse University - France

**Languages**

**English (read, written, spoken)**

**Spanish (read, written, spoken)**

**French (read, written, spoken)**