

# antonio olmedo

Database Administrator (DBA)

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## PROFILE

- 3 years of experience administering SQL Server (2000, 2005, 2008, 2008 R2) databases in multiple production environments across numerous countries within a multinational company.
- 4 years developing and maintaining complex ETL packages (T-SQL, DTS/SSIS) such as daily data-loads, Business Intelligence reports and tailored maintenance plans.
- Specialist in troubleshooting and performance tuning with tools like SQL Profiler, Perfmon, DMV's to analyze waits, locks and bottlenecks in OLTP databases without impacting production. Review missing indexes and design of index schema to get the most efficient execution plans.
- Installations both in physical and virtual servers (VMWare), implementing best practices in security and performance. Cost-saving consolidation of several physical servers into a virtualized one. Migrations to new boxes and/or SQL versions, minimizing production downtime and data loss risk.
- Creation of technical documentation, security policies, standard procedures for migrations and installations, user manuals and handover documentation for developers and support center.
- In-depth knowledge of backup strategies and disaster recovery plans, ensuring data integrity.
- Experienced with transactional replication for reporting purposes and high availability solutions such as Database Mirroring and Log Shipping.
- Reporting Services non-standard installations, design and development of both reports and .NET applications to manage the ReportServer from the Internet (within a DMZ) or local network.
- Business Intelligence, experience with extraction, analysis and reporting of business data.
- Windows 2003 and 2008 administration: creating users/groups, applying security policies to service accounts, setting proper folder permissions, IIS administration.
- Junior Oracle and MySQL DBA, with duties like creating/managing users, monitor backups jobs, manage tablespaces, listeners and table partitioning. Comfortable with Linux operating system.

## EDUCATION

- Bachelor's degree in Computer Engineering (Ingeniero Técnico Informático de Sistemas) at the Superior Technical College of Computer Engineering, University of Málaga (Spain).
- Erasmus semester in Helia, Helsinki Business Polytechnic (Finland).
- MCTS Certification 70-432: Microsoft SQL Server 2008, Implementation and Maintenance.
- "Implementing a Microsoft SQL Server 2005 Database" ([2779](#)).
- "Maintaining a Microsoft SQL Server 2005 Database" ([2780](#)).
- "Designing a Microsoft SQL Server 2005 Infrastructure" ([2786](#)).
- "SQL Server Integration Services: [Hands-On](#), Migrating Data for Business Intelligence".
- "Application Development and Tuning for Oracle Databases: [Hands-on](#)".
- "Oracle 10g database administration". 100 hours in [PUE](#), Universitat Politècnica de Catalunya.

## WORK EXPERIENCE

My career as computer engineer began in [Transcom Worldwide](#), based in Barcelona, where I am still working at the moment. References available upon request.

- **04/2009 - Present:** Global IT Operations Database Administrator in *Transcom Worldwide*
  - Maintain existing systems, suggest improvements, optimize performance, re-design and re-implement where appropriate, after analysing workload in the production environment.
  - Create and apply the standard procedure for migrating servers from old machines to new ones, optionally upgrading from SQL Server 2000 to 2005/2008.
  - Consolidate several physical servers into one virtualized server (VMWare).
  - Create tailored maintenance plans in T-SQL for all the SQL servers in the company to keep these databases performing at a proper level.
  - Create/help developers to create SQL Agent jobs for reporting to business. Tuning queries and seizing all the functionalities of SSIS and SSRS.
  - Support infrastructure with requirements to ensure stable backup and restore activities.
  
- **07/2008 - 04/2009:** Development DBA in *Transcom Worldwide*
  - Fully manage all development and testing databases related to a specific new project.
  - Logical and physical database design.
  - Support developers with SQL efficiency and performance.
  - Responsible for SQL Server 2005 monitoring and troubleshooting.
  - Responsible for ETL design, implementation and support. SSIS, T-SQL and VB.NET.
  - Provide support by being available on call out of office hours in case of outage in production.
  
- **02/2008 - 07/2008:** IVR & Inbound Analyst in *Transcom Worldwide*
  - Gather requirements getting in touch with business personnel as technical consultant for better understanding the business requirements.
  - Provide technical solution analysis with database models, flowcharts, timelines, etc...
  - Provide project follow-up supporting the IT developers during the script creation.
  - Develop dynamic websites using PHP with SQL Server for business to manage IVR's.
  - Travel to European countries making presentations of our technical solutions.
  
- **06/2007 - 02/2008:** IT Developer in *Transcom Worldwide*
  - Development of interfaces between applications in the production environment as well as tools to automate manual procedures (T-SQL/DTS/SSIS).
  - Development of custom software in C# and Python to support large multinational clients.
  - Prepare handover documentation for and giving training to the local support team.
  - Perform impact analysis for sub-systems and databases involved.
  
- **07/1999 - 08/2006:** Croupier (dealer) in *Casino Nueva Andalucía Marbella, S.A.*
  - Big responsibility and concentration due to the handling of great amounts of money, complex calculations and interaction with the customers.

## more information

- Date of birth: 12/11/1979.
- Mother tongue: Spanish.
- First Certificate in English, University of Cambridge (1997).
- Proactive, efficient, detail oriented, good team player with ability to work under pressure and independently. Analytical and project management skills. Full availability to travel or relocate.
- <http://www.antonioolmedo.info>