# PERSONAL information

**Full name** Miguel Anjo Carvalho

**Birth date** 15.02.1979

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**Blogs** http://anjo.pt

# summary of SKILLS AND STRENGTHS

* **Databases** **15-year DBA experience (Oracle 8i-12c, RAC, DataGuard, GoldenGate, Security), MySQL**
* **Programming** Shell scripting, Web programming
* **Platforms** Linux, AIX, Solaris, Windows
* **Languages** English, French – fluent; German, Spanish – work knowledge; Portuguese – native;
* **Personal skills** Cooperative team member and facilitator. Highly motivated, fast learning and concerned about fulfilling the objectives. Best practices advocate.
* **Certifications** PMI - Project Management Professional   
  Oracle Database Certified Professional  
  Oracle RAC Certified Expert and Security Implementation Specialist

# Professional experience

**Sep/2010 – present Senior Consultant, Trivadis, Switzerland**

* Oracle Database consultant for several multinational clients in industry, services, banking and education.
* Nespresso (main client): Coordination of DBA team; primary contact of the client;  
   responsible of GoldenGate replication for 23 production databases;
* Areas of expertise: Oracle RAC, high availability, Security, GoldenGate, best practices, documentation.
* Architecture, planning, installation, migration, upgrades and administration of Oracle databases.
* Part of Trivadis ‘Oracle security’ expert team; definition of security best practices.

**Jun/2010 – Sep/2010 Assistant Vice-President, Merrill Lynch (Suisse) / Bank of America, Switzerland**

* Senior Database Administrator, responsible for 20+ databases, developers support and DataGuard configuration.

**Apr/2004 – Mar/2009 Staff member, CERN – European Center for Nuclear Research, Switzerland**

* Senior Database Administrator at the Physics Databases section of IT department.
* Responsible for LHC Computing Grid database and LHCb experiment database
* Definition and implementation of database security standards – auditing, roles and profiles
* Administration and optimization of multiple production 8-node Oracle RACs on Linux using ASM
* Meetings facilitator, best practice coordinator. Scripting of proactive monitoring; patch installation; usage reporting.
* Past: Oracle AS maintenance, RDBMS 1st line procedures documentation, RAC tests, migration 9i-10g.

**Sep/2003 – Mar/2004 Trainee at Database Group, CERN – European Lab for Particle Physics, Switzerland**

* Management of a service for European Data Grid project. Development of high availability solution using DNS switch.
* Testing and documentation of procedures for the installation and deployment of Oracle Application Server 9i.

**Aug/2002 – Jan/2003 Junior Researcher, Media Team** **Oulu, Finland**

**Jul/2001 – Sep/2001 Summer Student at Database Group, CERN – European Lab for Particle Physics, Switzerland**

**Feb/2001 – Sep/2002 Part-time Webmaster, University of Coimbra, Portugal**

**Sep/2000 – May/2001 Part-time Oracle Developer, Pedro Nunes Institute, Coimbra, Portugal**

**Jul/1996 –** **Feb/2004 Part-time Web Developer/Editor, A Telefonia Virtual, Portugal**

# EDUCATION

**Sept/1997 – Feb/2003 Licenciatura** inComputer Engineering (5 year degree), **University of Coimbra**, Portugal

Areas of Study Database Administration and Programming Network Communication Protocols

Distributed and Parallel Programming Reliability and Quality Control

Intelligent Data Analysis IT Management and Strategic Planning

**Thesis title** Personal Virtual Storage in Context-Aware Systems

# Certifications and courses

**PMI - Project Management Institute**

July/2014 PMP - Project Management Professional certified

**Oracle**

Oct/2015 Oracle Database 11g Security Certified Implementation Specialist

Mar/2015 Oracle Real Application Clusters 12c Certified Implementation Specialist

Dec/2012 Oracle 11g Database Administrator Certified Professional (OCP)

Mar/2009 Oracle 10gR2 RAC Administrator Certified Expert

Nov/2005 Oracle 10g Database Administrator Certified Professional (OCP)

Oct/2004 Oracle 9i Database Administrator Certified Professional (OCP)

**CERN, Geneva, Switzerland**

2006 & 2008 Personal Awareness & Impact + Follow-up (3+2 day course)

2005 Communicating effectively (2 day course)

# ARTICLES & lectures

**RedStack magazine, DOAG + SOUG magazine**Mar/2016 Cloning solutions – a practical overview (translated for both French and German editions)

**Swiss Oracle User Group magazine**

Dec/2014 7 significant changes to user access control and privileges in Oracle 12.1

Oct/2013 Data Redaction & Transparent Sensitive Data Protection

Oct/2012 Oracle GoldenGate, short usage review (prize of best article)

**Trivadis TechEvent conference, Zürich, Switzerland**

Sep/2015 Overview: database cloning solutions

Mar/2015 Client example: Goldengate for upgrade from 10.2.0.4 32bit to 12.1.0.2 64bit

Mar/2015 12c new Security Features + Proxy users – client example

Sep/2014 Application Security (behind database roles and profiles)

Mar/2014 Oracle Database Vault and Privilege Capture

Sep/2013 Data Redaction & Transparent Sensitive Data Protection

Apr/2013 Stop using shared OS accounts to administer Oracle databases

Sep/2012 Oracle DataMasking: what, when, how

Apr/2011 GoldenGate, Yet Another Replication Tool and much more.

**International Symposium on Grid Computing, Taipei, Taiwan**

Mar/2008 Techniques for Implementing & Running Robust and Reliable DB-centric Grid Applications

**RAC & HA Special Interest Group conference, UK Oracle Users Group, London, United Kingdom**

Feb/2008 DBA experience in multi-RAC environment

Feb/2008 Using DataGuard for hardware migration

# other activities

**PROVELO Genève, Geneva, Switzerland**

Mar/2012 – Jun/2016 Board member and IT responsible of cyclists’ interests association

**World trips**

Jul/2016 – Jun/2017 Travel 13’000km by bicycle across Europe and South America

Apr/2009 – Apr/2010 Travel around the world, mainly by train, through 20 countries

**Silhouette Fitness Centres, Geneva, Switzerland**

Sep/2005 – Mar/2009 LesMills Body Combat (aerobics) instructor

**Groupe SIDA Genève, Geneva, Switzerland**

Apr/2006 – Mar/2009 Volunteer for AIDS prevention

**Create Switzerland, University of Geneva, Switzerland**

Oct/2003 – Feb/2004 Entrepreneurship course

**Computer Science Department, University of Coimbra, Portugal**

Jun/2001 – May/2002 Management Laboratory Board of Directors member

Jun/2000 – May/2001 Board member of Computer Science Student Representatives

**5th Management and Information Technology Meeting, Coimbra, Portugal**

2001 Organizer and media relations coordinator

# References

**Available upon request**