

CURRICULUM VITAE

April 2024



1. PERSONAL INFORMATION

Full name	<u>Miguel Anjo</u> Carvalho	Email	miguel@anjo.pt
Birth date	15.02.1979	Phone	+41 79 264 88 63
Nationality	Swiss, Portuguese	Blog	anjo.pt/keyword-oracle
		Location	Bern

2. SUMMARY OF SKILLS AND STRENGTHS

- **Databases** >20-year DBA experience (Oracle 8i-23c, RAC, Cloud, DataGuard, GoldenGate, Security), PostgreSQL
- **Leadership** Technical team leader; project coordinator
- **Programming** Shell scripting, Web programming, Perl, Python
- **Platforms** Linux, AIX, Windows
- **Languages** English, French – fluent; German, Spanish – work knowledge; Portuguese – native;
- **Personal skills** Cooperative team member and facilitator. Initiative-taking, fast learning and concerned about fulfilling the objectives. Best practices advocate.
- **Certifications** PMI - Project Management Professional
Oracle ACE Associate
Oracle Database Certified Professional (OCP)
Oracle Cloud Infrastructure Certified Architect Associate
Oracle RAC Certified Expert
Oracle Security Certified Implementation Specialist

3. PROFESSIONAL EXPERIENCE

12.2023 – present Senior Consultant, Tradeware, Switzerland

- Oracle Platform installation automation + DB Migration self-service using Shell scripting;
- Ovirt/OLVM configuration standardization using Python

09.2010 – 11.2023 Principal Consultant, Trivadis part of Accenture, Switzerland

- Oracle Database consultant and primary contact for several clients in industry, services, banking and education;
- BCV (1-year, 40-60%): decrease license costs with implementation of real-time replication with Goldengate from DB2 Mainframe to Oracle Exadata; automation of data loading between systems. Technical lead.
- BKW (3-years, 20-100%): performance improvements on critical applications; Upgrade project 11g-19c; technical lead during internal team replacement;
- Nespresso (7-years, 50-100%): Coordination of DBA team; primary contact of the client; administration of 300+ RAC DBs and GoldenGate replication for 23 production databases;
- Architecture, installation, upgrades and administration of Oracle databases. Technical project manager;
- Part of Trivadis 'Oracle security' expert team; definition of security best practices; Security patch testing

06.2010 – 09.2010 Assistant Vice-President, Merrill Lynch (Suisse) / Bank of America, Switzerland

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

04.2004 – 03.2009 Staff member, CERN – European Center for Nuclear Research, Switzerland

- Senior Database Administrator at the Physics Databases group 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.
- Other: Oracle AS maintenance, RDBMS 1st line procedures documentation, RAC tests, migration 9i-10g.

09.2003 – 03.2004 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.

08.2002 – 01.2003 Junior Researcher, Media Team Oulu, Finland
 07.2001 – 09.2001 Summer Student at Database Group, CERN – European Lab for Particle Physics, Switzerland
 02.2001 – 09.2002 Part-time Webmaster, University of Coimbra, Portugal
 09.2000 – 05.2001 Part-time Oracle Developer, Pedro Nunes Institute, Coimbra, Portugal
 07.1996 – 02.2004 Part-time Web Developer/Editor, A Telefonía Virtual, Portugal

4. EDUCATION

09.1997 – 02.2003 **Licenciatura** in Computer 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 (at University of Oulu, Finland)

5. CERTIFICATIONS AND COURSES

PMI - Project Management Institute

07.2014 PMP - Project Management Professional certified

Oracle

03.2024 Mysql HeatWave Implementation Associate
 01.2024 Oracle Base Database Services 2023 Certified Professional
 01.2024 Oracle Database Cloud Administrator 2023 Certified Professional
 01.2024 Oracle Cloud Database 2023 Migration and Integration Certified Professional
 04.2020 Oracle Autonomous Database Cloud 2019 Certified Specialist
 04.2020 Oracle Cloud Infrastructure Foundations 2020 Certified Associate
 05.2018 Oracle Cloud Infrastructure 2018 Certified Architect Associate
 10.2015 Oracle Database 11g Security Certified Implementation Specialist
 03.2015 Oracle Real Application Clusters 12c Certified Implementation Specialist
 12.2012 Oracle 11g Database Administrator Certified Professional (OCP)
 03.2009 Oracle 10gR2 RAC Administrator Certified Expert
 11.2005 Oracle 10g Database Administrator Certified Professional (OCP)
 10.2004 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)

6. ARTICLES & LECTURES

RedStack magazine, DOAG + SOUG magazine

03.2016 Cloning solutions – a practical overview (translated for both French and German editions)

Swiss Oracle User Group magazine

12.2014 7 significant changes to user access control and privileges in Oracle 12.1
 10.2013 Data Redaction & Transparent Sensitive Data Protection
 10.2012 Oracle GoldenGate, short usage review (prize of best article)

Swiss Oracle User Group conference

06.2020 Tales of 19c migration

Accenture TechEvent conference, Bad Nauheim, Germany

10.2022 Cost Reduction through data replication

Trivadis TechEvent conference, Zürich, Switzerland

09.2015 Overview: database cloning solutions

03.2015 Client example: Goldengate for upgrade from 10.2.0.4 32bit to 12.1.0.2 64bit
 03.2015 12c new Security Features + Proxy users – client example
 09.2014 Application Security (behind database roles and profiles)
 03.2014 Oracle Database Vault and Privilege Capture
 09.2013 Data Redaction & Transparent Sensitive Data Protection
 04.2013 Stop using shared OS accounts to administer Oracle databases
 09.2012 Oracle DataMasking: what, when, how
 04.2011 GoldenGate, Yet Another Replication Tool and much more.

International Symposium on Grid Computing, Taipei, Taiwan

03.2008 Techniques for Implementing & Running Robust and Reliable DB-centric Grid Applications

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

02.2008 DBA experience in multi-RAC environment
 02.2008 Using DataGuard for hardware migration

7. OTHER ACTIVITIES

Swiss Alpine Club, Switzerland

02.2023 – present Ski touring leader

Grünes Bündnis Bern, Switzerland

11.2020 Candidate for the Bern city parliament (Stadtrat)

Mobility carsharing cooperative, Switzerland

03.2021 – present Delegate of the Bern Mittelland-Emmental-Seeland Region

PROVELO Genève, Geneva, Switzerland

03.2012 – 06.2016 Board member and IT responsible of cyclists' interest's association

World trips

07.2016 – 06.2017 Travel 13'000km by bicycle across Europe and South America
 04.2009 – 04.2010 Travel around the world, mostly by train, through 20 countries

Silhouette Fitness Centres, Geneva, Switzerland

09.2005 – 03.2009 LesMills Body Combat (aerobics) instructor

Groupe SIDA Genève, Geneva, Switzerland

04.2006 – 03.2009 Volunteer for AIDS prevention

Create Switzerland, University of Geneva, Switzerland

10.2003 – 02.2004 Entrepreneurship course

Computer Science Department, University of Coimbra, Portugal

06.2001 – 05.2002 Management Laboratory Board of Directors member
 06.2000 – 05.2001 Board member of Computer Science Student Representatives

5th Management and Information Technology Meeting, Coimbra, Portugal

2001 Organizer and media relations coordinator

8. FREETIME

Adventure travel, cycling, ski touring, mountaineering

9. REFERENCES

Available upon request