

## 1. PERSONAL INFORMATION

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|--------------------|-----------------------------|--------------|------------------|
| <b>Full name</b>   | <u>Miguel Anjo</u> Carvalho | <b>Email</b> | miguel@anjo.pt   |
| <b>Birth date</b>  | 15.02.1979                  | <b>Phone</b> | +41 79 264 88 63 |
| <b>Nationality</b> | Portuguese (Swiss C permit) | <b>Blogs</b> | http://anjo.pt   |

## 2. 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

## 3. 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 1<sup>st</sup> 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 Telefonía Virtual, Portugal

## 4. EDUCATION

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

|                |  |  |
|----------------|--|--|
| Areas of Study | Database Administration and Programming<br>Distributed and Parallel Programming<br>Intelligent Data Analysis | Network Communication Protocols<br>Reliability and Quality Control<br>IT Management and Strategic Planning |
|----------------|--|--|

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

## 5. 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)                 |

## 6. 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  |

## 7. 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

### **5<sup>th</sup> Management and Information Technology Meeting, Coimbra, Portugal**

2001 Organizer and media relations coordinator

## 8. REFERENCES

Available upon request