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|  | **PIERRE CAVALCANTI RIBEIRO**  (+55 21) 9.8891.8853  pierre.ribeiro@gmail.com |  |

PERSONAL STATEMENT

IT Specialist professional with 19 experience years, was involved in large scale and complex IT projects in leading role, much experience with large Architectural design for middleware, database and infrastructure solutions, along associated Technologies. Solid technology background and vast knowledge of the following:

TECHNICAL SKILLS

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| OS’s: | Windows (2012 R2, 2008 R2, 2003 and early versions), All Linux flavors (RH, SUSE, OEL, Debian & etc.), Solaris, AIX, HP-UX, QNX; |
| Virtualization: | VMware ESX/ESXi, Docker, OpenStack, OracleVM, Oracle Virtual Box, XEN Server; |
| Cloud Solutions: | AWS (EC2, IAM, RDS, S3, ELB, Cloud Formation, Lambda, RDS, Aurora, DynamoDB, RedShift, SQS, SNS etc.), Azure (VM's, Functions, Storage, App Services, Active Directory, AD B2B, AD DS, SQL Database, Load Balancer, Virtual Network etc.); |
| Apps Servers: | WebLogic, Tomcat, JBoss, Apache |
| Databases: | MySQL, PostgreSQL, SQL Server |
| Backup Tools: | Backup Tools: Symantec NetBackup, Oracle Secure Backup, Bacula, HP Data Protector; |
| Oracle Products: | Databases 7/8/8i/9i/10g/11g/12c, RAC, Data Guard, Application Servers 9iAS/10gAS/11g/12c, Golden Gate, SOA Suite 10g/11g/12c, Grid Control 11g/12c, Exalogic Elastic Cloud, etc. |
| Methodologies: | ITIL, COBIT, SOX, CMM, TOGAF, SIX SIGMA |

CAREER OBJECTIVE

Looking for a position that requires working effectively in delivering IT strategy, IT Architecture design, building IT infrastructure/architecture and SI projects.

EDUCATION

Bachelor's degree in business administration by Rio de Janeiro Federal University, UFRRJ – (to 2018)

MBA in Project Management by IBMEC (AMBA) (2014)

Lato Sensu Specialization in IT Governance by SENAC/RJ (2011)

MBA in Marketing and Business Management by Fluminense Federal University, UFF (2010)

Arita Leader Training 1, Arita (2006)

Lato Sensu Specialization in Business Intelligence & Data Warehouse, IDHGE/FUNCEFET (2004)

Bachelor of Science in Computer Science Emphasis on Embedded Software - by Catholic University of Petrópolis, UCP (2003)

CertificaTIONS

ITIL Foundation Certificate in IT accredited by EXIN

IT Service Management Foundation based on ISO/IEC20000 accredited by EXIN

CobiT Foundation Certificate accredited by ISACA

Information Security Foundation based on ISO/IEC 27002 accredited by EXIN

Oracle 11g/10g Certified Professional and Real Application Clusters Administrator Certified Expert

COURSE & TRAININGS

Microsoft LATAM Online Academy

Azure Big Data – 2017

Azure for Cloud Infrastructure – 2017

AWS Partner Network

AWS Well-Architected Training - 2017

AWS Big Data Technology Fundamentals Online - 2017

AWS TCO and Cloud Economics – 2017

Pierre C Ribeiro

AWS Technical Professional - 2016

AWS Business Professional - 2015

Administering DATA ONTAP (NetApp) 7 e 8 – Columbia Storage – 2012

VMware vSphere 5: Installation, Configuration and Management – TripleS – 2012

Oracle Real Application Clusters 11G Implementation Boot Camp – Oracle PartnerNetwork – 2012

Oracle Database 11G Security Implementation Boot Camp – Oracle PartnerNetwork – 2012

Business Process Management (Mapping and Redesign) – IDEEC – 2009

IDIOMS

Portuguese: Native Language

English: Excellent Reading / Good writing / Good conversation.

Spanish: Good reading / Good writing / Good conversation.

PROFISSIONAL EXPERIENCES

**Fev/19 until present BNY Mellon Bank**

**Database Architect**

Working as outsourced Database architect and responsible for: designing solutions using Azure Cloud; To plan migration projects from on-premises corporate services to Azure cloud; Execute daily tasks to sustain environments of production, DEV and QA

Ongoing projects:

• Loan credit risk analyzer and default modeling. In conjunction with credit risk team, I've designed and now I’m building this solution based on SQL Server 2016 with R Services, which uses a machine learning model to provide predictive analytics and Power BI dashboard to display their results.

Daily Tasks

• Full support to SQL Server databases distributed at 73 instances, 622 databases, totaling 53 Tb of data;

• Full support to Oracle RAC 11g databases with 3 Tb total size;

• Used technologies: on premises SQL Server 2005/2008/2012/2016, Azure (SQL Server, Virtual Machines), Azure HDInsight (Hadoop, Spark, Kafka, Storm, HBase, Hive) Oracle 11g (RAC and single instance), scripting (Shell Unix, pearl and phyton)Matera, Totvs (Tools), SPB, Windows server 2003/2008/2012/2016

**Jan/17 – Jan/19**  **Dínamo Cloud Solutions**

**Enterprise Solutions Architect**

Working as outsourced cloud solutions architect at Banco Cruzeiro do Sul S/A and responsible for designing the phases of the migration project from on-premises corporate services to AWS cloud.

Finished or ongoing project activities:

• I’ve created a new backup process with integration between Netbackup, AWS Storage Gateway and AWS Glacier. With this new method there was an 80% cost reduction from old backup method;

• Virtual private cloud (VPC) provisioning and connection to physical data center through VPN;

• Migration of the development environments to AWS using services: EC2, S3, EBS, RDS, CloudFormation;

• Consolidation of corporate databases for future migration to the AWS RDS service;

Daily Tasks

• Full support for VLDB Oracle RAC 10g / 11g and SQL Server databases totaling 20TB of data;

• Vmware cluster environment administration and support consisting of 6 Dell blades and 275 virtual machines;

• Used technologies: Matera, Totvs (Tools), SPB, Oracle 10g / 11g (RAC and single instance), Linux Red Hat, Oracle Enterprise Linux, Windows server 2003/2008/2012. SQL Server 2005/2008. Oracle Grid Control 11g, Netbackup, Netapp Snapshot and Netapp SnapRestore, Unix, pearl and phyton shell script, vmware.

**May/15 – Nov/16**  **Rio 2016 Organizing Committee for the Olympic and Paralympic Games**

**Middleware and infrastructure Architect**

• Reporting to the general IT manager;

• Designed and deployed middleware infrastructure solutions for service-oriented architecture (SOA) using Oracle SOA Suite;

• I've worked as an Oracle SOA Suite administrator into PROD/QA/ DEV environments, performing tasks like: Configuring Weblogic (JMS Queues, Clusters, Heaps sizes, FileAdapter, FTPAdapter, JMSAdapter, DBAdapter, etc.), environment patching and updating, tuning, load tests and analysis, troubleshooting, WLST scripting and etc.;

• Mapping and design of systemic integrations using bpel and mediator;

• Management of integration tests;

• I was responsible for the design and construction of the multi-tier production environment, in high availability, Oracle SOA Suite 12c. Composed of:

· Database Tier: SOA Metadata Repository in Oracle RAC 12c;

· Application Tier: Cluster Oracle Weblogic with 6 nodes for BPEL, OSB, BAM;

· Web Tier: Cluster Oracle OHS (mod\_wl\_ohs) with 4 nodes;

· Load Balancer Tier: HAProxy Cold Failover Cluster;

Note: The Akamai (CDN) Cloud is also used as an external access port for content filtering and attack prevention against SOA Infrastructure.

Pierre C Ribeiro

**Jan/14 – Mar/15**  **Banco Cruzeiro do Sul S/A**

**(as outsourced contractor by self-company DinamoTech)**

**Database and infrastructure Architect**

Working as a remote specialist professional in pontuals services of:

• Full support to VLDB Oracle RAC 10g / 11g and SQL Server databases totaling 20TB of data;

• Monitoring database performance and optimizing processes and best practices in SQL;

• Vmware cluster environment management support consisting of 6 Dell blades and 275 virtual machines;

• Used Technologies: Matera, Totvs (Tools), SPB, Oracle 10g / 11g (RAC and single instance), Linux

Red Hat, Oracle Enterprise Linux, Windows Server 2003/2008/2012. SQL Server 2005/2008. Oracle Grid Control 11g, Netbackup, Netapp Snapshot and Netapp SnapRestore, Unix shell script, vmware.

**Nov/12 – Jan/14**  **BSI Tecnologia**

**IT Consultant - Infrastructure and Cloud Solutions**

As a cloud solutions architect with MS Azure technology, I planned and executed migration and integration projects between on-premises environments and the Azure cloud.

• Relevant Project - AHK Brazil-Germany Chamber of Commerce and Industry

I was responsible for designing the solution and coordinating the migration of local services (MS Exchange, Active Directory, SQLServer, Totvs Protheus, IIS Web apps) to Azure. Also working as, a team member in the execution phase of the project.

In addition to office365 as an e-mail solution, the following Azure products were used: Windows Virtual Machines for Totvs Protheus applications; Azure Active Directory; Azure Active Directory Domain Services; SQLServer DaaS; Visual Studio Team Services; VPN Gateway; Application Gateway.

**Feb/11 – Oct/12**  **Banco Cruzeiro do Sul S/A**

**Database Coordinator**

• Responsible by a team with 2 Senior Dba's and 5 outsourced workers, I've planned and researched infrastructure needs according projected business growth;

• I've performed interface with the other business areas, enabling less conflicting and costly alternatives;

• I propose solutions to ensure the continuity of the corporate environment (PCN), through clear definition of processes and structuring of services;

• I Developed change processes, as well as participated in the change management committee;

• Participated in Analysis, Standardization and Documentation of operational procedures;

• Sometimes, I played as mentor for infrastructure teams;

• Provided daily support to Oracle and SQL Server databases;

• Responsible for monitoring database performance and optimizing processes with best practices in SQL;

• Worked technologies: Matera, Totvs (Tools), SPB, Oracle 10g / 11g (RAC and single instance), Linux Red Hat, Oracle Enterprise Linux, Windows server 2003/2008. SQL Server 2005/2008. Oracle Grid Control 11g Installation, Configuration and Maintenance. Restoration and recovery of VLDB (Very Large Databases) using: Netbackup, Netapp Snapshot and Netapp SnapRestore, Unix shell script, vmware administration.

Achieved results - Technological Renewal Project of Banco Cruzeiro do Sul

• Deployment of the Private Cloud Database infrastructure (Oracle 11gR2) with 16 dell blades;

• Migration of 33 Oracle databases on the windows 64bit platform to Oracle Enterprise Linux x86\_64 totaling 20TB of data;

• Decrease in the number of Oracle servers from 46 to 16, with increased CPU and Memory;

• 80% reduction in licensing cost for operating system and 35% reduction in Oracle licenses;

• Review of backup policies and techniques with the implementation of compressed and parallelized backups via multiple RAC Nodes;

• Reduction in backup time between 20% to 40% per base, with a 40% reduction in volume generated.

Pierre C Ribeiro

**Oct/09 – Jan/11** **OWSE Consultoria**

Middleware SOA Architect/DBA Oracle Specialist

Working with IT manager to implement processes for *service support and service delivery*, focused on ITIL, to serve the company's business field. I participated in the survey and analysis for choosing the ITIL tool SiT! (Support Incident Tracker), for incident, problem and change management. Later, I participated in its implementation as project leader.

• Relevant Project - Customer Login Logística Intermodal – Project: Oracle SOA Suite

Responsible for the design and implementation of the Oracle SOA Suite 10g infrastructure in the following configuration: 2 nodes for a repository in Oracle RAC 11g, 2 clustered nodes at SOA middle tier. For SOA cluster setup the follow products were installed and configured part by part: Red Hat ES 4.7 for all servers, BPEL, ESB, WSM on separate oc4j instances. For the esb layer, physical separation of esb runtime and esb design time was performed. This last component was configured on active/passive basis. Also included in this setup is the configuration of the F5 BIG IP Load Balancer.

Also, highlights for the following activities in support of database and SO:

• Administration, Backup and Tuning of Oracle databases 9i,10g single and rack environments.

• Troubleshooting, environment patching and updating, driving Oracle Support (former metalink) service requests.

• Shell Script (Unix) and pearl programing to perform administrative tasks;

• Documentation of procedures for: Oracle product installation, security processes, norms and standards and etc.

**Mar/09 – Apr/10** **Ministério Público do Estado do Rio de Janeiro**

Middleware Architect/DBA Oracle Specialist

In charge of administration of all environments (production, QA and development) Oracle Application Server 10g with the following tasks:

Oracle Portal Administration 10.1.4, OID, IDM 10.1.4, Middle SOA Suite; Backup and Tuning of the environment; Troubleshooting, environment patching and updating, driving Oracle Support (former metalink) service requests; Shell Script (Unix) and pearl programing to perform administrative tasks; In addition to day by day activities, I was also responsible for creating the Oracle Portal development and QA environments, using infrastructure cloning techniques, portal schema cloning and ldap (oid) user migration techniques.

**May/08 – Feb/09** **Orion Consultoria**

Database Architect Coordinator

Direct reporting to CIO and coordinating a team of 6 analysts with the following responsibilities:

• Work in the management of internal suppliers, customers service contracts and outsourcing strategies;

• Responsible for project planning investments for the department;

• I supported the board in the elaboration and budgetary administration (CAPEX / OPEX) of the area, ensuring compliance with the budget drawn for IT;

• Performed the control and prioritization of team activities;

• Performed the department Service Management (ITSM);

• Mapping, definition and redefinition of internal processes;

As 3rd level consultor I've did project of:

• Installation of Oracle products (Database, Clients, OracleAS, etc.);

• Administration, Backup and Tuning of Oracle 11g RAC, Oracle 10g, Oracle RAC 10g;

Other activities include actions such as Senior DBA, working as a database solution architect, Oracle application servers (9iAS / 10gAS), etc., or as 3rd level analyst and if necessary working directly with the client in order to minimize impacts and conflicts.

As the last technical work, I quote the designs of two Oracle RAC implementations for Ativa Trade CTCV S/A and Intercontinental Supermarkets. In the first one, I performed direct action at the deployment and in the second, coordinating the activities of the responsible analyst in charge of deployment.

**May/05 – Apr/08** **Consultoria Micromidia Informática**

Oracle Specialist Consultant

In charge of one or more project areas to mention: Design, Architecture, Deployment, Administration, Migration and Tuning. Worked with clients such as: Cataguases Industrial Company, Brazilian Navy, Geoplan Assessoria, Rio de Janeiro Public Ministry, DixAmico, Golden Cross, Bradesco Previdência, Supervia, etc.

Doing:

• Project management or Technical leadership;

• Administration, Backup and Tuning of Oracle 9i / 10g / RAC banks;

• Administration, Backup and Tuning of OracleAS 10g / Oracle Collab 10g;

• Troubleshooting, environment patching and updating, driving so-called metalink.

• Shell Script (Unix) and pearl programing to perform administrative tasks;

• Analysis, Standardization and Documentation of customer environments;

• Technical pre-sales;

• Documentation of Oracle product installation procedures

• Oracle technologies worked: Application Server, Grid Control, Collaboration Suite, RAC 10g, Data Guard, Streams, Business Intelligence EE, Portal, Web Cache, OC4J, VPD, RMAN.