**MARCELO DA SILVA RODRIGUES**

Brazilian, Divorced

Mobile: +55 21 98136-3699

Skype ID: marcelorodrigues\_consultor

marsilvarodrigues@gmail.com

**AREAS OF INTEREST**

System Development, System Architect or Integration Architect

**SUMMARY OF SKILLS**

* Consulting and Support
* Development web solution in JavaEE and ASP.NET
* Spring Boot
* Modeling and development in Oracle and SQL Server
* Development of PL/SQL and Transact SQL
* UML System Modeling
* Development Mobile solution in Android Platform
* SOA Architecture
* Development Integration service with Oracle SOA Suite and SAP PI/XI
* Apache AirFlow
* Apache Flink
* Spark
* SparkSQL
* Apache Nifi
* Python

**PROFESSIONAL EXPERIENCE**

***Bairesdev – Since August 2021***

***Client: Toyon Associate –From January 2022***

***Devops - Data Engineer***

* Development and maintain devops pipeline to automate creation Airflow enviroment
* Construct and maintain datapipeline pipeline
* Development webscrawler to colect data from web datasources

***Client: Pinterest – From August 2021 – To January 2022  
Data Engineer***

* Development data collect process to collect data from each internal source in Apache Flink to validate data quality
* Development workflow in Apache Airflow aggregate values from data lake to create a dashboard to create data quality metrics
* Design and create platform to validate data quality for all dataset used in Pinterest
* Python
* SparkSQL

***Globo Comunicações – TV Globo – October 2016 to August 2021***

***Data Engineer***

* Development Data Collect Process to collect data from Facebook, Google, Twitter, Instagram, enterprise systems to analyse consumer behavior using Google Cloud Suite (Dataproc, BigQuery, Pub/Sub), Apache Nifi, Python, Apache Spark and SparkSQL
* Responsable for teaching in information architecture based on BigData Stack for all tecnology departament on Grupo Globo
* Create datapipeline using apache Airflow, Python
* Using Oracle Database , MySQL Database and SQL Server database as developer to create ETL process to collect data from these database and save into the datalake
* Suport to Data Scientist team to analyse behavior of Globoplay's audience, video consume and churn

***Petrobras S/A - April 2012 to October 2016***

***Integration Architect***

* Definition of architecture for integration projects between SAP and the WebLogic
* platform.
* Constructing integration services in Oracle SOA Suite.
* Building webservices services based on SOA architecture.
* Development of systems in Java / JavaEE platform
* Construction of guidelines for the construction and consumption of web services
* for web platform
* Using Oracle Database as Developer
* Construction of web service for digital signature with hardware encryption
* Create microsservice using SpringBoot
* SafeNet Luna HSM.

**Caixa Econômica Federal - From July 2010 to April 2012**

***Java Architect***

* Support project teams in the analysis and design validation
* Support the development
* Support for Sun Java Server 8.2 and Jboss 4.2.3 application servers
* Leadership team
* Training in J2EE development
* Implementation of procedures for analysis of source code ;
* Mentoring and training team of developers
* Monitoring the development environment and testing
* Development using Oracle Database, DB2 Database and PostgreSQL as developer

**Politec S.A. - October 2009 to July 2010**

***Java Architect***

* Definition of architecture for contracted projects to factory software
* Construction of a framework for building portals with integrated Adobe Connect Pro platform
* Installation and configuration of application servers, including JBoss , Glassfish and Websphere
* Defining metrics validation code
* Construction of the development process based on test-driven development.
* Technical Leadership
* Mentoring and training team of developers

**M4U Solutions S.A. - March 2009 to September 2009**

*Java Architect*

Systems development in JavaEE 5 , systems developed with EJB 3 , JPA , JSF , Quartz , JMX and JBoss 4.2.3 application server and SQL Server as developer

Development of systems for recharging prepaid telephony systems developed with Javacard, OpenSMPP , EJB 3 , JPA , Struts , Quartz , JMX and JBoss 4.0.4 application server

Lifting requirements for storage systems for the mobile operator Oi

Leadership team system development

Technical Leadership.

**Sotreq S.A. - From November 2006 to March 2009**

***Java Architect***

* Definition of the architecture foundation for the development of new Java products
* and migration of legacy software, developed in Informix 4gl to the new platform.
* All new products are developed for Java server Websphere 6.1 application using Rational Software Architect
* Definition of Development also software process, including standardization of new
* classes and methods, minimum documentation required UML for the development,
* installation, configuration and administration of the server for CVS configuration
* management
* Support for Java development
* Development and maintenance of products in VB6, VB.NET and SQL Server database
* Provide training in Java
* Consuming data from SQL Server, Oracle and Informix, all as a developement
* Gathering requirements for new software

**Telvent - From March 2006 to November 2006**

***Senior Systems Analyst***

Participation in the project of automation of distribution drinking water for the

metropolitan region of Belo Horizonte network:

* Integration of real time (SCADA) systems of georeferencing systems ( ArcGIS 9 )
* and systems modeling and simulation of distribution of drinking water in C # ,PL/SQL and Transact - SQL Server.
* Coordination of customization team of hydraulic modeling and simulation tool MIKE URBAN. Activity performed in the city of Sevilla , Spain
* Preparation of specification artifacts / processes for customization of ArcGIS
* systems ArcObjecjs and VBA
* Preparation of development architecture for migrating current systems COPASA in
* WEB. Architecture defined in J2EE using Struts - Framework and EJB container with JBOSS 4.0.4
* Development of server and OPC client for integration of real-time systems with simulation systems in C #.

**Petrobras S / A - October 2004 to March 2006**

***Senior Systems Analyst (Systems Development in C # and Java based SQL Server and***

***Oracle 9i database)***

* Development of systems for J2EE Weblogic versions 6, 7 and 8 application servers using Struts, Spring and Hibernate frameworks.
* Development of systems on the platform. NET , PocketPC and Web environments
* Development of systems integration with SAP/R3
* Survey Requirements .
* Systems analysis as a methodology using UML

**Lemon Bank - From February 2002 to August 2004**

***Senior Systems Analyst (Systems Development ASP, VB, J2EE based SQL Server 2000 and***

***Oracle 8i database)***

* Participation on development for online Home Bank (System developed ASP.NET (C # ))
* Development of new solutions in ASP , SQL Server and Java ( AWT client application ) for Portal http://www.lemonbank.com.br/
* Development of systems for capturing revenues / banking automation ( Developed in ANSI C for the platforms , Win9x , Linux and Pos Lipman 's

**Datamec S / A - From August 2001 to February 2002**

***Analyst Systems***

* Systems Development ASP , VB and COM / DCOM / COM + with
* Oracle database modeling, database, systems modeling , administration of Web
* Server Microsoft IIS 5.0 , Intranet Development solutions with Servlet , JSP , JDBC
* and EJB , Teaching in Java / J2EE for Web Developers and Web designers )
* Analyst Developer Portal of the Ministério do Trabalho ( Trabalho.NET )
* Analyst Developer Site http://trabalhonet.datamec.com.br/planfor - National Planfor Worker Qualification

**LanDesigners Group – Metatron - From March 2001 to August 2001**

***Programmer***

* Development WAP solutions with Exchange Server Integration , Installation, administration and support WAP Servers (Cellution) , Implementing KM Solutions in
* Microsoft SharePoint Portal Server 2001 , Development and Support of ASP applications

**Fundação Getulio Vargas - From October 1999 to March 2001**

***Support Analyst***

* Helpdesk, installation and configuration of workstations in Win9X and WinNT Workstation, setting NT and Netware print, electronic mail environment configuration, remote support to users (Microsoft SMS)

**Turner International - From June 1999 to October 1999**

***Support Analyst***

* Helpdesk , Administration of Windows NT Server 4.0 network
* administration Mail Exchange Server , Installation and configuration of Windows workstations Workstation , telephone support , reception and signal transmission system electronics server to server channels of cable TV , setting decoders for satellite

**EDUCATION**

Bachelor in Computer Science – UniverCidade

**OTHER COURSES**

* ITIL V3 Foundation
* Cobit 4.1
* Administration, configuration and tuning of IBM Websphere 6.1
* UML - CCE- PUC -RIO
* .NET Plataform - Language C #
* J2EE Plataform (Programming in Java , JDBC , Servlet and JSP , Enterprise
* JavaBeans )
* Data Science Bootcamp – Data Science Dojo
* BigData – Databoot Camp

**PROFESSIONAL CERTIFICATIONS**

MCP - Microsoft Certified Professional - . . Developing and Implementing Web

Applications with Microsoft Visual C # and Microsoft Visual Studio NE