






# LEONARDO SILVA

SOFTWARE ENGINEER

ORACLE PL/SQL DEVELOPER

## CONTACT

 Cork, Ireland  
 +353 85 112 3557  
 leo.ribeiro.silva@gmail.com

## LINKS

 [www.linkedin.com/in/leonardo-silva-2a8a1a9/](https://www.linkedin.com/in/leonardo-silva-2a8a1a9/)  
 [github.com/lrsilva81](https://github.com/lrsilva81)  
 [www.leosilva.dev](http://www.leosilva.dev)  
 [www.hackerrank.com/leo\\_ribeiro\\_sil1](https://www.hackerrank.com/leo_ribeiro_sil1)

## EDUCATION

### Postgraduate in Development Web Full Stack

PUC Minas Virtual | 09/2019 - In progress

### Certified ScrumMaster (CSM) Training

Knowledge21 | 03/01/2019 - 04/01/2019

### Postgraduate in Project Management

Estacio de Sá University | 2017 - 2018

### Graduate in Information System

Castelo Branco University | 1999 - 2004

## SKILLS

Delphi • PL/SQL • JavaScript • Python • HTML • CSS • NodeJS • Express • JQuery • React • Reactive Native • Oracle • MS-SQL • PostgreSQL • MongoDB • Borland / Embarcadero (v5, v7, v2007, Seattle, Berlin) • Oracle SQL Developer • VS Code • Brackets • PyCharm • SCRUM • MS Office Products (Excel, Project, Visio) • Mantis • Bugzilla • SVN • Git • Visual Source Safe • FreeVCS • RCS • Trello

## PROFILE

Designing software from scratch, extracting, cleaning and transforming data from large datasets, maintaining back office and web applications running, coordinating third-parties ecosystems, supporting audit reports and Business Intelligence dashboards are some accomplishments that I have achieved since my sixteen years old starting as intern.

Over fifteen years of experience in development and system analysis I have faced big challenges in my career such as my effort to redesign a real estate software, from database to code by extending it features to support investment funds oscillation (decimal fractions) and integrate that financial operations (huge amounts) into ERP properly with minimal waste. Or hours of studying and planning to migrate a legacy back office software suite designed in Cobol to Delphi, changing some business case to support a three-tiered client-server architecture, and later migrating database from IBM AS400 to Oracle 11g in Exadata database machine, in that time it was re-built SQL statements as efficient as possible and code rewritten changing dataware Delphi components for dbexpress and later for FireDAC. And many more.

Working as part of a small or big project team to design, develop, test, and deploy custom solutions, I got my code expertise using good practices making code clean, readable, predictable and scalable. And With graduate and postgraduate degrees, and other technological and human-interaction courses, and also guided by excellent tutors, teams and colleagues I was provided by resources which helped me being successful in my projects.

## EXPERIENCE

### SOFTWARE ENGINEER

**12/2009 - 12/2018 | PETROS – Petrobrás Social Security Foundation | Rio de Janeiro, Brazil**

PETROS is the second largest social security foundation of Brazil. They manager pension and insurance accounts for Petrobrás (Oil & Gas Brazilian company) workers and other associates.

Integrated software development expertise of business products, ERP, Delphi implementations (v5, v7, v2007, Seattle, Berlin) and Web Applications.

I was responsible for designing and developing new products and supporting legacy systems, client attendance, backlog management, decision making and documentations. Coordinating integration projects involving third-party softwares as DriveAMNet (Investment solutions), MyABCM (Activity Based Costing solutions) and ERP Protheus (TOTVS), feeding data on Oracle ODI and ETL platforms. Rebuilding, performance analysis and development of database artifacts and routines (Queries, Functions, Stored Procedures, Packages, Triggers and Indexes). Identifying, extracting and synthesizing data from large and complex data sets to build analytic queries for supporting audit reports and BI dashboards (QlikView). Collaborating with DBA and back end for applications deployment. Preparing documentation as Functional & Technical requirement document, Test plan and Test case. Unit testing, Test execution and error analysis.

## LANGUAGE

### General English Language

CEA / ICOT | 03/2019 – In progress  
IELTS (CEFR Level B1)

## ABILITIES

Good Communication • Empathy •  
Adaptable • Resilient • Friendly •  
Problem Solving • Organized •  
Teamwork • Effectiveness • Proactive

### 06/2007 - 11/2009 | DBA Engenharia de Software (Client: PETROS) | Rio de Janeiro, Brazil

Supported, implemented and designed new products and process of legacy systems, developed internally, including management, financial, contract, HR, services, accounting and auditing modules. Coordinated development of a new risk management system (Compliance). DB2 AS400, Delphi 5 e 6, Visual SourceSafe, Internal Documentation.

### 02/2006 - 05/2007 | MULTIRIO Operações Portuárias S.A. | Rio de Janeiro, Brazil

Supported and developed process and routines to Logistics System Solutions. Coordinated geographically distributed software based in 4 Locations. Managed continuous improvement reports of technological environment. MS SQL Server, Delphi 6, MS Project, MS Visio, Mantis, FreeVCS.

### 11/2004 - 02/2006 | DBA Engenharia de Software (Client: PETROS) | Rio de Janeiro, Brazil

Implemented new routines on payrolls and collection of contributions from pension plan. Designed and implemented optimized Stored Procedures for complex data sets. DB2 AS400, Delphi 5, Visual SourceSafe, Internal Documentation.

### 12/2003 - 10/2004 | K2 Sistemas Ltda. | Rio de Janeiro, Brazil

Developed small projects in the geoprocessing segment and maintained Geographic Information System for Road Record Management at CET-Rio. MS SQL Server, Delphi 6, MapObjects 2.0, Mantis, RCS (Revision Control System).

### 08/2001 - 11/2003 | DBA Engenharia de Software (Cliente: PETROS) | Rio de Janeiro, Brasil

Supported, implemented and designed new products and process of legacy systems, developed internally, including management, financial, contract, HR, services, accounting and auditing modules. Redesigned codes from Cobol to Delphi. DB2 AS400, Delphi 5 e 6, Visual SourceSafe, Internal Documentation.