**JUAN C. CONTRERAS**

**jcontrmo@gmail.com**

<https://www.linkedin.com/in/juancontrmo/>



Certified professional Developer (Oracle Forms - [PLSQL](https://docs.google.com/document/d/1HV9MW192yhzs5LeZyjpqUQBuNFg1UNXQPGqP5yJeZJk/edit?usp=sharing) - SQL) and Database administrator, in addition to Oracle Data Integrator (ODI) [support experience](https://study.com/articles/What_is_a_Support_Engineer.html) helping customers to solve issues related to ELT mappings , performance, bug documentation, patching, testing, and [ELT development](https://en.wikipedia.org/wiki/Extract,_load,_transform).

Skilled problem identifier and troubleshooter in a range of IT environments with certified knowledge of [Oracle Cloud Infrastructure](https://www.oracle.com/cloud/) (OCI); Bilingual English-Spanish, US citizen with employment history verified through an external company, see [www.hireright.com](http://www.hireright.com).

**Objective**

Looking for challenging [Database Developer](https://blogs.oracle.com/oracleuniversity/how-to-become-a-database-developer) positions according to my knowledge and experience (SQL + [Data Modeling](https://en.wikipedia.org/wiki/Data_modeling) + PL/SQL + [ELT](https://en.wikipedia.org/wiki/Extract,_load,_transform) + [Database Administration](https://en.wikipedia.org/wiki/Database_administrator)) .

**Summary of Skills**

|  |  |  |
| --- | --- | --- |
| **Advance Level:**  [Oracle SQL Developer](https://www.oracle.com/database/technologies/appdev/sqldeveloper-landing.html), [PLSQL](https://www.oracle.com/database/technologies/appdev/plsql.html) | **Medium Level:**  [Oracle Data Integrator](https://docs.google.com/document/d/1tzlbk3iIebSZQGhbyrKlMEsDhBgqtuAdoGuxmhe3oCY/edit?usp=sharing), [Oracle Database Administrator](https://education.oracle.com/day-in-the-life-of-an-oracle-dba), [Oracle Forms](https://en.wikipedia.org/wiki/Oracle_Forms) | **Beginner Level:**  [Microsoft SQL Server](https://www.microsoft.com/en-us/sql-server/sql-server-2019), [Oracle APEX](https://apex.oracle.com/en/), [Bash Shell](https://en.wikipedia.org/wiki/Bash_(Unix_shell)), [Oracle Cloud](https://www.oracle.com/cloud/), [Python](https://www.python.org/) |

**Education**

[Universidad Antonio Nariño](https://www.uan.edu.co/) – BS – Systems Engineering Bogota, D.C 1998

**Certifications**

* [Oracle PL/SQL Certified Associate](https://www.youracclaim.com/badges/940be41a-a2fd-43fb-853e-e4dc3cf70afc)
* [Oracle Cloud Infrastructure Foundations](https://www.youracclaim.com/badges/25de5755-a5a8-4981-a4e8-a078e483c8fc)
* [Oracle Database Administrator](https://www.youracclaim.com/badges/77ec495e-5691-4c90-bb0d-6f5a02728966)
* [Oracle Forms Developer](https://www.youracclaim.com/badges/e8ee3d49-fe2c-4cb3-a5d5-a686713c685e)

**TECHNICAL VIDEOS**

* **YouTube channel** [**“JC Contreras – Just a curious Tech Guy”**](https://www.youtube.com/user/jcontrmo)

Media channel with videos for Database Developers

[**Video #1: Data Integration example between Oracle and SQL Server**](https://youtu.be/9Bc-XXqepcU)

[**Video #2: Connecting Oracle SQLDeveloper to OCI & AWS (Part I)**](https://youtu.be/VJSUXL6M6mM)

[**Video #3: Connecting Oracle SQLDeveloper to OCI & AWS (Part II)**](https://youtu.be/3z6JT5KJ5hQ)

**LANGUAGES:**

* English – Advance Proficiency
* Spanish – Native

**Professional Experience**

[**ORACLE**](https://www.oracle.com/index.html) **– Senior Technical Support Engineer Orlando USA, FL**

**Oct 21,2015 – Jul 15,2020**

* Troubleshooting simple to complex Oracle DataI Integrator issues for top account customers under SLAs predefined
* [ODI upgrades from 11g to 12c](https://docs.oracle.com/en/middleware/fusion-middleware/12.2.1.4/odiug/introduction-upgrading-product-relnum.html#GUID-4D318C5D-5F88-44AF-955D-B81F2615A2D7) versions for internal testing
* On call interpreter/translator (English-Spanish) to help Engineers Colleagues to provide support in ODI related issues.
* Configuration and design of virtual environments (database, OS, ODI agents) on Linux and Windows platforms to reproduce and solve ODI technical issues.
* ODI Topology Configuration to handle data integration connectivity with several source & target technologies
* Tuning of ODI developments, Memory, IO checking to provide best practices to improve ODI performance
* Documentation of solved issues to be published on my Oracle Support site
* Code review (PLSQL, Bash shell) to troubleshoot ODI issues
* Load data into Oracle tables using SQL Loader
* Verification of Database, OS System, WebLogic logs and Network to troubleshoot ODI issues
* ODI Source-target mapping among different technologies

[**INDRA**](https://www.indracompany.com/en/) **– Database Administrator Bogota, D.C.**

**July 9,2012 – Jan 31,2014**

* Installed, configured, and managed Oracle 10g, 11g on windows and Linux platform.
* Interacted with the Technical Design team and contributed in impact analysis and creation of the technical specifications.
* Manage Database administration assignments in SQL Server environments
* Worked on Oracle databases and MSSQL, this included backup, restoration, and quality control applications.
* Developed windows scripts, shell scripts, PL/SQL programming for automation of database administration tasks
* Detailed review of Oracle Forms and PL/SQL code on customers to troubleshoot performance issues as part of the customer’s software design.
* Developed and created a definition of backup strategies for RMAN and EXPDP.
* Created database structures for developer and client needs on QA and production environments.
* Applied security patches on Oracle databases.
* Involved in session management and monitoring the critical wait events, blocking sessions in the databases (Oracle and MSSQL).
* Worked on Migration of Oracle 11g Databases from Windows to Linux on Production environment

[**EUD**](https://www.egresadosudistrital.edu.co/) **– IT Certification Trainer Bogota, D.C.**

**July 2011 – July 2012**

* Training IT students in Database Administration, PL/SQL and Oracle Forms programming by using official Oracle documentation in order to help them to achieve Oracle Certifications.
* Installed databases and OS in classroom environments
* As part of the students classes, provided recommendations to real issues happening on students’ jobs related to PLSQL coding and Oracle Forms design according to best practices

[**SYNAPSIS (TIVIT)**](https://tivit.com/en/) **- Oracle Database Administrator Bogota, D.C**

**May 5, 2010 – Dec 31, 2011**

* Managed Oracle RMAN backups and tuning oracle sentences.
* Provided support for Oracle Data Guard administration
* Oracle database and MSSQL backups and recovery.
* Added more new features to existing analysis software tools.
* Created structural changes to the Oracle databases using DDL statements.
* Worked on Oracle configuration, third party backup software and backup testing.
* Supported DBA Junior SQL Server 2008 on replication scenario with log shipping.
* Made corrections of inefficient high load SQL statements, suboptimal use of Oracle database, undersized memory structures, concurrency issues, database configuration, and locking issues.
* Created Bash Shell scripts to invoke SQL Scripts and scheduled them using OS crontab
* Developed Complex PL/SQL Code, Stored Procedures, Functions, Packages and Triggers which uses collections as part of temporary developments assignments
* Applied analysis, data collection techniques, database normalization, entity relation modeling in SDLC from analysis, design, development, testing, implementation and maintenance
* Reports generation based on multiple tables and subqueries by using ANSI SQL and T-SQL
* Involved in data loading using SQL Loader to load data from flat files
* Worked closely with clients to clarify development specifications

[** Telefónica (Movistar)**](https://www.movistar.co/) **– IT Database Professional – Bogotá, DC**

**Nov 3, 2009 – Apr 1, 2010**

* Utilize Oracle diagnostic tools like Explain Plan, SQL Trace, TKPROF and AWR to analyze timing and execution for database tuning
* Created and modified existing Unix scripts for Oracle 10g
* Managed Standard Audit trail, audit parameters
* Used triggers to record additional customized Audit information
* Worked with the development team for database object creation, query tuning and regular database related issues.
* Oracle database installation, patch installation, configuration, and maintenance.
* Tune the SQL queries by creating proper index, using hints and changing database parameters
* Involved in development of application functions, triggers, PL/SQL and packages
* 24 x 7 database on call support according to shift rotation schedule

**Additional Job Experience**

[**ORATECH LTDA**](http://www.oratechla.com/sp/colombia/)

Aug 19, 2008 - Jul 22, 2009

Position: Infrastructure Consultant

|  |
| --- |
| * Managed the Oracle database (RAC-Standby-ASM). * Acted as a consultant for software development tools, PL / SQL-forms-reports. * Trained clients in Oracle database administration. * Supported DBA clients (Falabella, Colombian Army, Thomas Express, Movistar). * Visited clients on business sites , provided quotes configuration and created systems reports for clients and management. |

[**SBD LTDA**](https://www.sbd.com.co/)

October 2007 – August 2008

Position: Oracle Database Administrator

* Created users and privileges according with their responsibilities
* Configuring backup and restore procedures with RMAN scripts
* Tuned Oracle Sentences
* Developed scripts with PL / SQL and Shell scripting on Unix environments for DBA automated tasks
* Created and interpreting statspack reports
* Supported on call 24/7 DBA .

[**GEOSPATIAL**](http://www.geospatial.com.co/)

April 2007 – October 2007

Position: Development Leader Database

* Managed the Oracle development team on activities related with PL / SQL and Oracle Forms-Reports programming.
* Geodatabase Modeling, Use Case Specification
* Analysed and design solutions according to the client requirements using RUP methodology
* Meeting clients face to face and on site to ascertain requirements.
* Producing and updating relevant documentation.

[**INFORMATICA SIGLO 21**](https://www.linkedin.com/company/inform-tica-siglo-21-ltda/about/)

November 2005 - March 2007

Position: Consulting Engineer

* Oracle10g Programming (Forms Builder, Reports Builder, PL / SQL)
* Development of New Buildings module and ranking contractors in Gas Natural ESP
* Application Maintenance NGV (Natural Gas Vehicle), IVM (Integrated Management of Sales), SAT
* Analyzed user requirements with UML methodology
* Design and Implementation of Business Applications using the Oracle Relational Database Management System (RDBMS).

[**SOFTMANAGEMENT**](https://softmanagement.com.co/)

August 2003 - September 2005

Position: Senior Programmer

* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.
* Data analysis and generation of scripts for running reports
* Data analysis and generation of scripts for modification of information
* Change displays and programs Front-End, according to new requirements of the business.
* Programming Oracle (Forms 6i, PL / SQL and Reports), Procedures, Packages and Functions
* Involved in the support, maintenance and development of the financial system
* Defining and generating screen formats and report designs using Oracle Forms and Oracle Reports
* Developed in accordance with policies regarding secure coding & standards
* Carrying out design, construction, review and defect analysis activities.
* Developed using Oracle (Forms 6i, PL / SQL and Reports) in accordance with agreed design with consideration for usability, software quality and future maintenance

[**AVANZIT TECNOLOGÍA**](https://www.ezentis.com/en/) **(new name Ezentis)**

June 2000 - February 2002

Position: Oracle Developer

* Analysis and Design of security database modules
* Administration of databases in development and testing environment
* Project coordination SIGART for public sector telecommunication company
* Training for application users

[**SYNERSIS S.A.S**](http://www.synersis.com.co/inicio.htm)

September 1999 - June 2000

Position: Oracle Developer

* Analysis, design and programming of the human resources Information System
* Oracle Development using (Forms 4.5, Reports 2.5, SQLPLUS).
* Testing on QA environments for new software
* Defining and generating screen formats and report designs.
* Produced and updatied relevant documentation for new developments.
* Develop software in accordance with agreed design with consideration for usability, software quality and future maintenance.

[**SOFTBOLIVAR**](https://www.paginasamarillas.com.co/empresas/soft-bolivar/bogota-25047317) **– SEGUROS BOLIVAR**

April 1998 – June 1999

Position: Oracle Developer

• Design and development of programs and reports for capitalization products

• Oracle Development using Forms 4.5, Reports 2.5, SQLPLUS

**PERSONAL ACHIEVEMENTS**

* **B**e able to adapt professionally and linguistically to support my family after moving from the country which I was born to the US 6 years ago.
* 5k runner in Orlando FL during two consecutive years

**JOB REFERENCES**

Juan Seijas – Principal Support Engineer at Oracle USA

[**https://www.linkedin.com/in/juan-seijas-13b60126/**](https://www.linkedin.com/in/juan-seijas-13b60126/)

Oscar Peralta – Technical Analyst at Oracle USA

[**https://www.linkedin.com/in/oscar-peralta-b98a3241/**](https://www.linkedin.com/in/oscar-peralta-b98a3241/)

Erika Alvarez – Senior Principal Engineer at Oracle USA

[**https://www.linkedin.com/in/erika-alvarez-3595a51/**](https://www.linkedin.com/in/erika-alvarez-3595a51/)

**PROFESSIONAL ACHIEVEMENTS**

**F**our Oracle Certifications achieved

**M**ore than **20 notes** published in Oracle Support Site related to Oracle Data Integrator issues I was able to solve, along with more than 300 data integration service requests solved globally.

[2588136.1](https://support.oracle.com/knowledge/Middleware/2588136_1.html) "Could not load JDBC driver class [oracle.bi.jdbc.AnaJdbcDriver]" when Testing Oracle BI Data Server Connection from ODI J2EE Agent

[2514263.1](https://support.oracle.com/knowledge/Middleware/2514263_1.html) "The SQL Server login requires an SSL connection" Error Received when Testing Microsoft Azure SQL Database Service with ODI Agent

[2670516.1](https://support.oracle.com/knowledge/Middleware/2670516_1.html) Attributes Missing in ODI Mappings after Using the OWB to ODI Migration Utility

[2668348.1](https://support.oracle.com/knowledge/Middleware/2668348_1.html) Duplicate Database Hints Observed in ODI Code

[2601394.1](https://support.oracle.com/knowledge/Middleware/2601394_1.html) java.lang.ArrayIndexOutOfBoundsException Error Received when Using "LKM File to Netezza (NZLOAD)" in ODI 12.2.1.3.190708

[2273614.1](https://support.oracle.com/knowledge/Middleware/2273614_1.html) "ORA-01000: maximum open cursors exceeded" When Reverse Engineering ODI Models Including Datastore Subfolders

[2655922.1](https://support.oracle.com/knowledge/Middleware/2655922_1.html) How To Call Multiple Commands in ODI for Oracle Data Server "On Connect/Disconnect" Events

[2412849.1](https://support.oracle.com/knowledge/Middleware/2412849_1.html) Java Variable vPasswd Holding Wrong Cipher Data Value when Calling OdiSqlUnload - "ORA-01017: invalid username/password"

[2584874.1](https://support.oracle.com/knowledge/Middleware/2584874_1.html) ODI Studio Error Switching from Internal to Active Directory External Authentication

[2571502.1](https://support.oracle.com/knowledge/Middleware/2571502_1.html) "ODI-17570: Your text is too long LONG TEXT" Error is Received When Smart Importing an ODI 12c Variable

[2631697.1](https://support.oracle.com/knowledge/Middleware/2631697_1.html) How To Execute 'startloadplan.sh' From the Command Line without Providing the Supervisor Password

[2374381.1](https://support.oracle.com/knowledge/Middleware/2374381_1.html) ODI Executions Fail With "Connection Closed" Message After Migration of the Repositories to Oracle RAC Database

[2642094.1](https://support.oracle.com/knowledge/Middleware/2642094_1.html) Unknown RegionID Error: "ODI-14213: The Input Parameter Region Is Not Valid. It Is Null, Empty Or Incorrect" Encountered when Configuring Oracle Object Storage Dataserver in ODI 12.2.1.3 and Older

[2686373.1](https://support.oracle.com/knowledge/Middleware/2686373_1.html) ERROR GENERATING ANSI QUERY ODI

[2646498.1](https://support.oracle.com/knowledge/Middleware/2646498_1.html) ODI 12c Does Reverse Engineer XSD CLOB Datatype as VARCHAR2

[2518862.1](https://support.oracle.com/knowledge/Middleware/2518862_1.html) "class java.sql.SQLDataException... numeric value out of range" Message is Received on ODI 12c Flows that Use XML Data Server

[2649472.1](https://support.oracle.com/knowledge/Middleware/2649472_1.html) ODI Complex Driver Command 'CREATE XMLFILE' Results in "ORABPEL-11101 Translation Failure"

… A couple of notes more written but not published