**Armando García – (703) 408-6609**

[**armando.garciapr@gmail.com**](mailto:armando.garciapr@gmail.com)

**McLean, VA 22102**

**PROFESSIONAL SUMMARY**

* 25 years of experience as an Oracle Database Developer and 15 years of experience as an Oracle Database Administrator
* 10 years of experience with Oracle 11g and 7 year of experience with Oracle 12c
* 23 years of experience with PL/SQL, 5 years TSQL and PL/pgSQL
* 23 years of experience developing Oracle packages, procedures, programming and data structures
* 21 years of experience conducting performance tuning with Oracle databases
* Bilingual Army Veteran.

**TECHNICAL SKILLS**

* PL/SQL – PL/pgSQL
* Oracle DB
* UNIX Shell Scripting
* Oracle Enterprise Manager Grid Control
* Oracle Diagnostics Pack
* Oracle Performance Pack
* Oracle Forms &Reports
* Migrations, AWS-MDS
* AWR& ASH
* AuroraDB - MariaDB
* E/R Studio &ERWin
* TOAD
* MySQL
* SQL\*Plus
* SQL\*Loader - pgLoader
* AWS - RDS
* SQL & DW Services
* EC2,S3, VPC
* SQL Server
* TSQL
* PostgreSQL

**PROFESSIONAL EXPERIENCE**

**Nextech August 2016 – Present**

***Client: Multiples - Remote***

***Senior Database Admin and Data Cloud Engineer***

* Currently working on a POC project to migrate an Oracle DWH to AWS Redshift using MDS and SCT.
* Support various clients with AWS initial setup (EC2, VPC, S3, IAM, etc.), issues and change requests.
* Helped to develop backup and recovery strategy for applications and database on virtualization platform.
* Built and delivered machine images for Oracle DB, SQL Server and MySQL
* Support Amazon RDS: Oracle, SQLServer, MySQL, PostgreSQL, MariaDB and Aurora DB.
* DBA lead in multiple database migrations from on-premises dbs to AWS cloud platform.
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions.
* Developed Phyton programming to enhance company product management.
* DB Migrations from Oracle to PostgreSQL, pgadmin, pgLoader. Use of MDS and SCT for data and schema migrations from sources to AWS.
* Data modeling and design. Use of ER Studio to create Logical and Physical Entity Diagrams.

**1 Source April 2019 – September 2019**

***Client: TTB.GOV- Washington, DC***

***Senior Database Developer***

* Work in a Agile/Scrum methodology as well as Agile tools such as JIRA and Confluence.
* Use of GitLab, Jenkins and Datical to package changes into DB’s environments.
* Database Architecture and Data Models Review using Oracle Data Modeler.
* Full Cycle Support to Developer’s Teams including package and deployments to TEST, QA and Production environments
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views.
* Use of SQL\*Loader, SSIS and SQLDeveloper to load data from data source into Data Warehouse environment.
* Involved in creating Database Design (Physical and logical), data migrations and data conversions as per the requirement given by the business areas.
* Part of the team to migrate data from On-Premises DB to AWS Oracle RDS.
* Support DB tasks for Oracle to PostgreSQL migration project

**AEEC January 2018 – March2019**

**Client: USPTO.GOV – Alexandria, VA**

**Database Architect/ Modeler**

* Databases Architecture and Data Models Review using ER Studio.
* Data Integrity Reviews, Constraints and Client Standards implementations.
* Involved in creating Database Design (Physical and logical), data migration and data conversion as per the requirement given by user stories and CA Agile environment. Data Design migration from Mainframe Data sets to Oracle DB.
* MySQL and Oracle migrations, DDL and DML for DB updates and DB creation.
* Performed ongoing tuning of database instances and SQL statements while reviewing Database Designs and resources utilization.
* Identifies and recognizes areas in which Standards or procedures changes could assist in the future expansion of businesses.
* Designs data architectures; translates data so that it can be read by various types of computer systems.

**Latitude October 2016 – December 2017**

***Client: Sunrise Senior Living – McLean VA***

***Senior Database Developer/BI Specialist/DWH Designer***

* Oracle 12c, PL/SQL – Working with Procedures, Functions, Dynamic PL/SQL, Oracle built-in packages (DBMS\_SQL), Bulk Collection, PL/SQL and SQL Tuning
* Use of TSQL to data analysis, data cleaning and data extraction from multiple SQL Server sources.
* Ad-Hoc reporting using Oracle BIEE, SQL Developer, SQL, Toad
* ETL and Data Warehouse process using PL/SQL and TSQL
* Dimension Schemas, Star and Snowflake data design.
* Involved in creating Database Design (Physical and logical), data migration and data conversion as per the requirement given by user stories.
* Data Migration and Interfaces from SQL Server and Oracle to Azure SQL and Data Warehouse Services.

**Convergenz March 2016 – October 2016**

***Client: Veteran Administration& Grant Thornton, DC Area***

***Senior Database Developer/BI Specialist***

* Oracle 11g, PL/SQL – Working with Procedures, Functions, Dynamic PL/SQL, Oracle built-in packages (DBMS\_SQL), Bulk Collection, PL/SQL and SQL Tuning
* Ad-Hoc reporting using Oracle BIEE, SQL Developer, SQL
* Support WebLogic for custom OracleReports
* ETL and Data Warehouse process using PL/SQL
* Star, Snowflake and DataMart design.

**DFUTech January 2016 – March 2016**

***Client: Department of Transportation & LEIDOS – McLean,VA***

***Senior/Lead Database Developer***

* Part of the Migration team to move over 30 Oracle Database from legacy DB to AWS
* Migration of PL/SQL from 11g to 12c
* Creation and configuration of multiples Oracle DBs instance – 11g and 12c
* Recreation of DDL from 11g to 12c, roles and synonyms recreation by Dynamics SQL
* Integration of Linux with Oracle DBs environment
* Use of Datapump and PL/SQL for data migration
* Support WebLogic for custom Oracle and Reports migration from on premise to AWS.

**CompuSearch** **June2015– November 2015**

***Client: HUD – Sterling, VA***

***Senior/Lead Database Developer/Designer – HUD PRISM Migration System Project***

* Part of the Migration team as Oracle Database Developer for the HUD – PRISM migration project
* Data Modeling, Data Migration and Data Conversion
* Oracle 11g, PL/SQL – Working with Procedures, Functions, DynamicSQL, Oracle built-in packages (DBMS\_SQL), Bulk Collection, PL/SQL and SQL Tuning
* Develop security and operation modulation capability to all database process
* Oracle DML and DDL
* Oracle DB Objects Documentation and business rule enforcement
* Wrote complex SQL queries using joins, sub queries and inline views to retrieve data from the database
* Involved in creating Database Design (Physical and logical) as per the requirement given by the business
* Wrote custom database documentation and error handling modules for database
* Performed ongoing tuning of the database instances and SQL statements
* Used and developed ETL process for data extraction and data transformation

**Nexgen Business Solutions – May2003 – May 2015**

**Nexgen Business Solutions – San Juan, PR**

**NexSales Project &NexPRM Software (SaaS) March 2013 – May 2015**

***Senior/LeadDatabase Developer/ Data Architect/Designer***

* Load and join Source Data, Cleanse Data, data integration and data mapping in Informatica Power Center.
* Part of the analytical and developer team for NexSales&NexPRMSaas projects
* Developed capacity and performance metrics as well as maintained, analyzed, and reported on a scheduled periodic basis to management on development progress
* Wrote complex SQL queries using joins, sub queries and inline views to retrieve data from the database
* Involved in creating Database Design (Physical and logical) as per the requirement given by the business
* Created and implemented report modules from client’s database
* Wrote custom database documentation and error handling modules for database
* Performed ongoing tuning of the database instances and SQL statements
* Responsible for SQL Server (2014) database design and management in Microsoft Azure and Arvixe Cloud services
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Used IronSpeed and C# to develop web and cellular applications
* Used and developed ETL process for data extraction and transformation with MS SSIS
* Part of the Reporting team. Created reports and data presentations using MS SSRS and Telerik
* Worked creating Procedures, Functions, Dynamic SQL, Oracle built-in packages (DBMS\_SQL), Bulk Collection, Oracle Global Temporary Tables, Oracle External Tables and SQL\*Loader
* PostgreSQLDatabase Development, DDL and DML. Store Procedure creation in PL/pgSQL, pgAdmin, pgLoader.
* MySQL DDL Database Admin and DML tasks

**Nexgen Business Solutions**

***Client -Puerto Rico Tribunal Administration Office March 2012 – June 2014***

***Lead Database Developer/Migration Specialist***

* Part of a Datamart project team as a database developer, data migration and data conversion specialist. This Datamart was created for Cellular Apps access
* Improved the quality of customer support and delivered service request processing in an efficient and timely manner
* Responsible for Datamart development using Oracle NO/SQL database back-end
* Responsible for creating and modifying the PL/SQL (Bulk Collect, Dynamic SQL and DBMS\_SQL) and SQL for procedures and functions according to business requirements
* Involved in creating Database Design (Physical and logical) as per the requirement given by business
* Performed ongoing tuning of the database instances and SQL statements
* Wrote complex SQL queries using joins, sub queries and inline views to retrieve data from the database.
* Performed ongoing tuning of the database instances and SQL statements
* MySQL DDL Database Admin and DML tasks
* Modified database structures as required by developers due to business or application requirements, cloned development databases for testing and training
* Developed capacity and performance metrics as well as maintained, analyzed, and reported on a scheduled periodic basis to management on development progress
* Implemented Oracle External Tables and SQL\*Loader script creation to load data into/from legacy system

**Nexgen Business Solutions**

***Client - Puerto Rico Police Department Sept2011–Feb 2013***

***Senior/Lead Database Developer***

* For the Domestic Violence System - Recovered the Oracle Application Server and migrated from Linux to MS
* Rewrote, debugged and deployed enterprise applications using Oracle Forms and Oracle Reports. Wrote PL SQL statements, stored procedures and functions, following best practices regarding QA and implementation standards
* Migrated database from Oracle 10g-Linux to Oracle 11g-Microsoft using Transport table space TTS-export
* Involved in creating Database Design (Physical and logical) as per the requirement given by business
* Created procedures for custom updates for the Criminal Background Check System, improved database components, process re-engineering and improved business process
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Support WebLogic for custom Oracle and Reports.
* For the Sexual Crimes Department system:
  + Created full life-cycle application support and reporting by interviewing and surveying end-users to satisfy their needs
  + Part of the Implementation team for a customized system in the Domestic Violence Department. My duties in this project were Database Developer and Data Modeler. The system database uses Oracle 10g in Linux Red Hat 5. The front end software was Oracle Form and the report tool was Oracle Report. Also, involved in analysis, design, coding and Testing
  + Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
  + Involved in creating Database Design (Physical and logical) as per the requirement given by business
  + Involved in developing Oracle Reports which are further added to Web pages
  + Set up backup and maintenance plans and trained employees on how to use the new system

**Nexgen Business Solutions**

***Client VegaCoop - Quamtum January 2010 – September 2010***

***Business Intelligence Consultant***

* Created full life-cycle application support and reporting by interviewing and surveying end-users to satisfy their needs
* Successfully installed and configured Oracle 11g on a Linux Server
* Successfully installed and configured Oracle BIEE and worked BI Publisher
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Involved in creating Database Design (Physical and logical), data migration and data conversion as per the requirement given by business
* Responsible for creating and modifying the PL/SQL procedures and functions according to business requirements
* Wrote complex SQL queries using joins, sub queries and inline views to retrieve data from the legacy database to a Report Database Server
* Responsible for creating and modifying the PL/SQL (Bulk Collect, Dynamic SQL and DBMS\_SQL) and SQL for procedures, functions according to the business requirement

**Nexgen Business Solutions**

***Client - Puerto Rico Police Department September 2008 – February 2009***

***Lead Database Developer Consultant***

* Created full life-cycle application support and reporting by interviewing and surveying end-users to satisfy their needs
* Part of the Implementation team for a customized system in the Domestic Violence Department. Duties in this project were Database Developer and Data Modeler. The system database uses Oracle 10g in Linux Red Hat 5. The front end software was Oracle Form and the report tool was Oracle Report. Also, involved in analysis, design, coding and Testing
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Involved in creating Database Design (Physical and logical) data migration and data conversion as per the requirement given by business
* Involved in developing Oracle Reports which are further added to Web pages
* Provided Oracle DBA support, backup and restore, performance monitoring and tuning; Experience using Oracle Enterprise Manager (OEM) Grid Control
* Monitored database activity and file usage, and ensured necessary resources were present so that databases functioned properly, by removing or deleting old or obsolete files

**Nexgen Business Solutions**

***Client - Oracle Caribbean May 2006 – September 2008***

***Lead Database Developer Consultant***

* Worked as Database Consultant providing services in different Oracle Caribbean clients
* Successfully installed and configured Oracle RAC,  ASM and non-RAC database on Microsoft, HP-UX, Linux, IBM-AIX and VMware; implemented data files using either ASM or on raw devices for some projects
* Provided physical and logical design and database creation for production, standby, and historic databases and DSS, loaded legacy data into the historic databases
* Modified database structures as required by developers due to business or application requirements, cloned development databases for testing and training. Extensive data migration and data conversion for multiple system
* Developed capacity and performance metrics as well as maintained, analyzed, and reported on a scheduled periodic basis to management on development progress
* Provided Oracle DBA support, backup and restore, performance monitoring and tuning; Experience using Oracle Enterprise Manager (OEM) Grid Control and OEM installations
* Responsible for creating and modifying PL/SQL procedures and functions according to business requirements
* Installed and implemented Oracle Collaboration Suite
* Responsible for creating and modifying Oracle Portal and business intelligence using Oracle Discoverer

**Nexgen Business Solutions**

***Client - SistemaUniversitario Ana G. Méndez May 2006 – August 2015***

***Senior/Lead Database Developer***

* Multiples tasks doing Oracle DBA support, migrations, upgrades, performance tuning, and Enterprise Manager Grid Control implementation. Involved in Performance Tuning using ADDM (Automatic DB Diagnostic Monitor) which makes the diagnostic data readily available. Also, AWR and ASH.
* Shell scripting and programming in PL/SQL, CRON jobs for database operation, and database security.
* Support Banner Admin environments (production, development and QA). AD Hoc report creation and migration of new version of AppsServer, Forms and Reports., Linux, Bash scripting , RMAN and Tomcat..

**Nexgen Business Solutions**

***Client –Universidad Interamericana/Oracle Caribbean May 2009 – August 2010***

***Senior/Database Developer***

* Multiples tasks doing Oracle DBA support, migrations, upgrades, performance tuning, and Enterprise Manager Grid Control implementation. Involved in Performance Tuning using ADDM (Automatic DB Diagnostic Monitor) , AWR and ASH.
* Shell scripting and programming in PL/SQL, CRON jobs for database operation, and database security.
* Support Banner Admin environments (production, development and QA). AD Hoc report creation and migration of new version of AppsServer.

**Nexgen Business Solutions**

***Client - Trans Oceanic Life Insurance Company May 2003 – August 2006***

***Senior/Lead Database Consultant/Migration Specialist***

* Part of the migration team where I worked as Database Developer Data Migration and Data Conversion Specialist, created database objects, ETL process and programs for a data migration and data conversion between AS400 and Oracle
* Worked with Oracle Forms, Oracle Reports and Oracle Discoverer to create interfaces in AR and subscription modules. Use of Oracle OC4J to display forms and reports
* Database administration support, 8.x, 9.x, 10g
* Installed and maintained production, development and test databases using Oracle (9x-10g)
* Performed ongoing tuning of database instances and SQL statements
* Used Oracle Workflows tools for Back-end Insurance Underwriting System process and validations.
* Installed and implemented Oracle Collaboration Suite (SSL, email, workspace, etc.)
* Implemented and configured Oracle Portal to display business intelligence using Discoverer and portal dashboard tools
* Created and implemented data warehouse using Oracle Warehouse Builder
* Implemented ETL process with extensive PL/SQL and SQL coding – Dynamic PL/SQL, Oracle built-in packages
* Involved in creating Database Design (Physical and logical) as per the requirement given by business
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views

**Verizon** **May 2003 – August 2004**

***Independent Database Consultant/Migration Specialist***

* Supported in the creation of database objects for Single billing system between PRTC and Verizon companies. Worked in the extraction of data using PL/SQL and shell scripts (UNIX) to load data from Oracle (AMDOCS) to the Mainframe billing system
* Administration of Discovery working areas
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Data Migration and Data Transformation Specialist for multiple extraction projects from Legacy System to Oracle DB
* Involved in extensive PL/SQL and SQL coding – Dynamic SQL, Oracle built-in packages.
* Developed and upgraded data warehouse data load scripts for PRTC Facilities and trouble tickets system using PL/SQL and Discoverer 4

**Keane, Inc. (Metro Information System) - April 1997 – April 2003**

**Keane, Inc.** **April 1997 – April 2003**

***Client - Database Developer and Database Administrator – PR Telephone Company – Verizon***

* Lead and managed a group of more than 20 consultant in multiple technical areas.
* Responsible for Oracle Database Administration tasks at Verizon Information System Division
* Duties included the monitoring of Oracle activities on over fifty database instances, along with a team of 8 other DBA’s. These databases resided on 10 UNIX servers and 4 NT servers
* Responsible for automating various processes with UNIX Shell scripts, configuring and automating databases for disaster recovery, and resolving database problems in a timely manner
* Additionally responsible for extensive documentation of all Oracle related activities, maintaining robust security, planning and implementing disaster recovery, ensuring optimal database performance, and effective communication with end-users
* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Data Migration and Data Conversion Specialist for different extraction projects from Legacy System to Oracle DB
* Responsible for the creation of Procedures, Functions, DynamicSQL, Oracle built-in packages (DBMS\_SQL)Performed several Oracle Upgrades from 7.1 through 8.1.7
* Worked on OLTP optimization and facilitated the processing of large numbers of concurrent updates to a database
* Monitored database activity and file usage, and ensured necessary resources were present so that databases (DML) functioned properly, by removing or deleting old or obsolete files
* Coded complex views and queries for reporting and warehouse databases
* Set-up and managed database security by creating new users, roles, profiles, and provided required user privileges in development, test, training and production environments
* Performed ongoing tuning of the database instances and SQL statements
* Managed space utilization (tablespaces, datafiles, extents) by reducing fragmentation and compressing extents
* Developed PL/SQL code to support administrative functions (schema creation, security, migration, etc.)
* Offered business and technical solutions to client, in Oracle (7.x, 8.x, 8i) environments, as well as other client/server and WEB solutions
* Involved in creating Database Design (Physical and logical) as per the requirement given by business
* Responsible for the development and replication of data in various projects and database systems
* Involved in multiple Oracle installations using UNIX (AIX, Solaris), NT and Novell

**Keane, Inc.**

***Client - Database Developer/Migration Specialist – Citibank***

* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Worked with Procedures, Functions, Dynamic SQL, Oracle built-in packages
* Implemented bank security for different databases
* Migrated Oracle database for the Siebel CRM System from Tampa Bay to Puerto Rico
* Implemented backup and recovery procedures

**Keane, Inc.**

***Client - Database Developer/Migration Specialist – Wyeth-Ayerst Laboratories***

* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Migration and Conversion of the main Database from Gupta to Oracle
* Worked with Procedures, Functions, Dynamic SQL, Oracle built-in packages (DBMS\_SQL)
* Developed backup strategies and migration for new systems
* Oracle PL/SQL development and coding of complex queries for reporting
* Support developer’s team with queries, schema design, security implementation and database design

**Keane, Inc.**

***Client - Database Developer – Baxter***

* Created and modified Oracle database objects such as Tables, Packages, Procedures, Functions, Sequences, Indexes and Views
* Worked with Procedures, Functions, Dynamic SQL, Oracle built-in packages (DBMS\_SQL)
* Implemented backup and recovery procedures
* Responsible for database tuning and performance
* Database support for LIMS system

**Keane, Inc.**

***Client - DatabaseDeveloper/MigrationSpecialist – Banco Popular de Puerto Rico***

* Developed and created forms and reports using Oracle Developer tools
* Logical and physical database design for the system and schema design
* Developed packages, procedures, and functions in both OLTP and DSS databases
* Performed ongoing tuning of the database instances and SQL statements
* Data Migration and Transformation Specialist (Legacy - Oracle)

**EDUCATION**

**Master of Science, Information Systems and Programming July 1994**

E.D.P College, San Juan, Puerto Rico

**Bachelor of Science, Business Administration July 1992**

Columbia University, Caguas, Puerto Rico