Daniel Simson

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**Computer Skills**

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| Description |
| Oracle PL/SQL Development |
| Oracle SQL\*Plus |
| Oracle DBA |
| Database Architect |
| Oracle Database Modeler |
| Apex Job Scheduler |
| SVN Subversion/GIT BitBucket |
| Confluence, JIRA |
| HTML5 |
| Java script |
| Unix Shell Scripting  |
| DOT.NET |
| VB Script |
| TOAD |
| PL/SQL Developer (All Round Automations) |
| PICK Database (Multi-value Database) Prime |

**Work Experience**

**Principal Engineer, Software (Remote)**

**New Wave Technologies / General Dynamics – West Des Moines, IA**

March 2015 – Present

The Chronic Conditions Data Warehouse (CCW) / Virtual Research Data Center (VRDC) are key systems for CMS and the White House strategy for improving health outcomes and reducing costs at national and local levels.

Responsibilities

• Design, develop, code, test, and debug complex new software products, or makes significant enhancements to existing software.

• Research and integrates design strategies, product specifications, development schedules, and user expectations into product capabilities.

• Resolve complex hardware/software compatibility and interface design considerations.

• Conduct investigations and tests of considerable complexity.

• Researches emerging technologies to determine impact on application execution.

• Provides input to staff involved in writing and updating technical documentation such as user manuals, system documentation, and training materials.

• Troubleshoot complex problems and provides customer support for software operating systems and application issues.
• Advises hardware engineers on machine characteristics that affect software systems, such as storage capacity, processing speed, and input/output requirements.

• Prepares reports on analyses, findings, and project progress.

• Provides guidance and work leadership to less-experienced software engineers.

Toolset: Oracle 12c database, PL/SQL Developer, Oracle Database Modeler, Apex Job Scheduler

**Senior Programmer/Analyst - Contractor**

**Credit-Suisse – Durham, NC**

September 2014 to February 2015

The Derivatives Result Database (DRD) is a strategic central repository for front office valuation data for over the counter trades. This system is mission critical in the Credit Suisse front to back architecture and provides timely delivery of valuation data to key in house consumers. I work in a global team environment modifying existing programs and creating new programs that ensure high quality data to the DRD system.

Responsibilities

• Design and deploy database objects including tables, indexes, views, materialized views, object types, sequences and referential integrity.

• Develop and maintain database programs including packages, procedures, functions and triggers using PL/SQL.

• Develop scripts to import user supplied data from MS-Excel and MS-Access into the Derivatives Resource database.

• Serve as a liaison with Business Analyst, Project Managers and Database Administrators in a global environment to ensure the timely completion and installation of project tasks.

• Provide accurate time tracking against assigned project tasks.

Toolset: Oracle 11g database, PL/SQL Developer, HTML5, CSS, TOAD, Oracle SQL Developer, Oracle Database Modeler

**Senior Programmer/Analyst**

**Agdata** - Charlotte, NC

November 2013 to August 2014

The BASF fulfillment team calculates distributor, dealer and end user discounts and rebates throughout the year for all agricultural products offered by BASF. As a member of this team, I was responsible for the creation of programs that would calculate these discounts and rebates. I was also responsible for performing quality checks on programs and data produced by my peer developers. The annual amount of the discounts and rebates processed was in excess of 190 million dollars.

Responsibilities

• Design database objects including tables, indexes, views, materialized views, sequences and referential integrity.

• Develop and maintain database programs including packages, procedures, functions and triggers using PL/SQL.

• Develop and support the Oracle PL/SQL code that performs the calculations for the all fulfillment marketing programs.

• Execute quality control checks of fulfillment source code created by other developers.

• Develop and maintain code to support Excel workbooks for program reporting.

• Develop and maintain reports for fulfillment programs.

• Create and maintain technical documentation, process flows, etc.

Toolset: Oracle 11g database, PL/SQL Developer, TOAD, Oracle SQL Developer, Oracle Database Modeler

**Senior Programmer/Analyst-Staff Spec - ETL Developer**

**Wake Forest Baptist Medical Center** - Winston-Salem, NC

August 2012 to October 2013

The development team at Wake Forest Baptist Medical Center is responsible for merging daily data from the new EPIC database with over ten years of legacy data in order to provide an accurate view of all aspects of the institution. I was responsible for creating ETL programs written in PL/SQL to extract and load data into this DSS system from both the daily on line system and the legacy data.

Responsibilities
• Design database objects including tables, indexes, views, materialized views, sequences and referential integrity for a reporting data warehouse.
• Develop and maintain database programs including packages, procedures, functions and triggers.
Toolset: Oracle 11g database, PL/SQL Developer, TOAD, Oracle SQL Developer, Oracle Database Modeler.

**Database Architecture and Senior Developer (AVP)**

**Credit Suisse** - Durham, NC

January 2008 to February 2012

As a senior developer and database architect in the HR-IT department, I am responsible for designing and developing applications that are used by over twenty five thousand employees worldwide. These applications manage employee leave requests, overtime payroll processing and deferred compensation.
Responsibilities also include designing and developing ETL programs that migrates data from the data warehouse for use in the Time and Leave Tracker system. Other programs include application security which allows or denies access based on a dynamic list of criteria.
I am responsible for all enhancements. I serve as the subject matter expert for all HR-IT applications.

Responsibilities

• Design database objects including tables, indexes, sequences, views and referential integrity.
• Develop and maintain database programs including packages, procedures, functions and triggers.
Toolset: Oracle 10g database, PL/SQL Developer, TOAD, Oracle SQL Developer.

**Senior Developer**

**AT&T** - Greensboro, NC

March 2007 to January 2008

Responsibilities

• Design database structures including tables, indexes and referential integrity using ERWin and Oracle Designer 6i.
• Create and maintain stored procedures, functions, packages and triggers for various customer service applications using PL/SQL
• Perform PL/SQL code reviews for front end developers
• Establish, implement and maintain PL/SQL coding standards.
• Manage software development life cycle
• Evaluate new software and methods.

**Database Architect / Senior Developer**

**GlaxoSmithKline** - Durham, NC

March 2003 to March 2007

Responsibilities

• Design database objects including tables, indexes and referential integrity using Oracle Designer 6i.
• Create and maintain stored procedures, functions, packages and triggers written in PL/SQL for a monthly ETL process. These programs extracted data from Glaxo’s sales reporting datamart.

• Tuned new and existing programs and reduced the processing time by half.
• Supervise contract development team. Regularly performed PL/SQL code reviews
• Establish, implement and maintain PL/SQL coding standards.
• Manage software development life cycle
• Evaluate new software and methods.
• Developed release management application using VB.NET
Toolset: Oracle Designer 6i, Developer 6i on an Oracle 8i database, SQL\*Navigator, TOAD.

**Database Architect / Developer**

**New Breed Corp** - Greensboro, NC

October 2000 to March 2003

Responsibilities
• Design and implement relational database solutions of various complexities on both the Oracle 8i and MS SQL-Server 2000 databases.
• Create and maintain stored procedures, functions, packages and triggers written in PL/SQL that serve as the backbone of New Breed's warehouse management and EDI infrastructure. Ultimately responsible for the integrity of data transferred from New Breed's front end MS SQL-Server 2000 database to Oracle. This is accomplished through the use of Oracle's Heterogeneous database links, delimited flat files and linked servers.
Toolset: Oracle Designer 6i, Developer 6i on an Oracle 8i database, SQL\*Navigator, TOAD.

**Oracle DBA / Database Architect / Developer**

**The Source Information** - Greensboro, NC

September 1999 to September 2000

Responsibilities
As the Source's sole Oracle resource I was instrumental in moving their daily magazine sales data warehouse project from the white board to the Internet in one year.
• Oracle DBA-Install Oracle software and patches
• Database Architect - Designed and implemented database objects including tables, views, materialized views to support project needs.
• Senior Developer - Developed stored procedures and triggers using PL/SQL to support project needs. This included the ETL of data from sources across the country on a daily basis.
Toolset: Oracle Designer 6i, Developer 6i on an Oracle 8i database, SQL\*Navigator, TOAD.

**Database Architect / Developer**

**Triad Guaranty Insurance** - Greensboro, NC

October 1997 to September 1999

Responsibilities
I worked in a team environment to analyze, design and code a complete database solution for Triad Guaranty. Developed stored procedures, functions, packages and triggers. Toolset included Oracle's Designer, Developer and SQL Navigator. I also assisted the Junior Oracle DBA as needed. In addition to these duties I also served as the PVCS Administrator.

**Oracle DBA**

**Vanguard Cellular** - Greensboro, NC

April 1996 to October 1997

Responsibilities Created new user accounts, monitored database space consumption, created new database objects.

**Oracle DBA**

**Davidson College** - Davidson, NC

June 1992 to April 1996

Responsibilities
During the conversion I worked on both the legacy AIMS system and the new BANNER system. On the legacy system I developed Prime Info/Basic programs that converted data from the legacy AIMS system to BANNER. On the BANNER system I assumed the role of Oracle Database Administrator. As such, I ensured that the Oracle database was able to accept the incoming data by monitoring and adjusting the table space usage. After the conversion, I was promoted to the position of Oracle Database Administrator. In that role, I was responsible for the day to day health and well-being of the Oracle database and the BANNER software.

**Prime Info/Basic (PICK) Programmer**

**Beaman Corporation** - Greensboro, NC

January 1989 to June 1992

**Prime Info/Basic (PICK) Programmer**

**Adelphi University** - Garden City, NY

August 1986 to September 1988

**Prime Info/Basic (PICK) Programmer**

**Lundy Electronics** - Glen Cove, NY

August 1985 to September 1986

**Data Entry / Computer Operator**

**Micron Instrument** - Plainview, NY

January 1983 to August 1985

**Education**

1981 - Associates in General Studies

Suffolk County Community College

1982 - Associates in Broadcast Telecommunications

Suffolk County Community College