



## Senior Oracle Developer

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CENDIEN CORP: **(214) 245-4580**

<http://www.cendien.com>

Senior Oracle Developer – Cendien – Oracle Experts

### Oracle Professional Services

- 18 years of development experience with the Oracle database on UNIX platforms
- 14 years of back-end programming using PL/SQL, 3 years of Pro\*C
- 10 years of SQL tuning using Explain Plan and TKProf
- 18 years of shell scripting
- Used Oracle utilities SQL\*Loader, EXP, and IMP for backup and ETL processes
- Documented all designs and code

### Oracle Technical Skills

Oracle, SQL, PL/SQL, Pro\*C, C, C++, shell scripting, Perl, XML

### Oracle Clients / Experience

#### Financial Client

##### Contract Programmer

- Supported work on the Core Extracts ETL process. Modified Perl scripts to read data from the database and produce XML files using spreadsheets as input.
- Wrote Data
- Technical Design for extract process.

#### State Client

##### Contract Programmer

- Assisted Northrop Grumman in the conversion of Medicaid program data from a legacy system to Oracle 10g.
- Wrote PL/SQL routines to transfer data from external tables to production tables. PL/SQL programs were optimized for resource and speed.

#### Telecommunications Client

##### Contract Programmer

- Wrote and modified ETL scripts to move data amongst machines and execute PL/SQL routines to validate and load data.
- Wrote the PL/SQL routines to perform the previous operations. PL/SQL packages were written to build data for commissions transactions from company data for the TrueComp commissions system.
- Supported operational testing.

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### Telecommunications Client

#### Contract Programmer

- Wrote packages and procedures in PL/SQL to perform consensing of data, load data into an opt-out database, and purge database tables during the load process for a data warehouse on Oracle 9i for subscriptions.
- Work involved optimizing code and queries for a multi-million record database.
- The rules for a production system were automated, consisting of PL/SQL routines for the individual rules and for ordering the execution.

### Telecommunications Client

#### Senior Oracle Developer

- Documented programs that computed least cost routing for trunk groups.
- Wrote ETL scripts that processed call detail record data from remote switches.
- The data arrived in compressed format and had to be uncompressed, loaded into temporary tables in the Oracle database via SQL\*Loader, and formatted and inserted into production tables.

### Telecommunications Client

#### Contract Programmer

- Created PL/SQL routines that created files of usage rating data information for networks monitored by the XACCTusage product intended to be input to the Kenan Arbor/BP billing system.
- Shell scripts were written so that the procedures could be executed either automatically via cron jobs or manually by operators.

### Financial Client

#### Contract Programmer

- Made modifications to PL/SQL procedures that extracted data from a data warehouse for financial reporting.
- Documentation was written to describe the processes as well as the software.

### Financial Client

#### Contract Programmer

- Compared methods of loading data into a data warehouse using PL/SQL and SQL\*Loader.

### Retail Food Client

#### Contract Programmer

- Wrote Pro\*C programs using C and C++ to transfer data from an application residing on an AS400 to an Oracle database hosted on a DEC UNIX box and vice versa using DEC Message Queue and FTP as the data transfer mechanism.

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### Financial Client

#### Contract Programmer

- Assisted Internet Financial Network with the launch of their Infogate product that delivers financial and information services to personal computers via the Internet.
- Work involved moving SQL code from Pro\*C programs to stored procedures to minimize network activity as well as the writing of new functions in Pro\*C for the purpose of auditing user requests.
- Dynamic SQL was heavily used in the code to provide maximum flexibility in working with the data.
- Developed a process to speed up the communication between Pro\*C programs and PL/SQL stored procedures using Oracle file I/O and UNIX pipes. Enhancements were made to Perl scripts, which processed the data received from a particular data source. Forms were developed using Developer 2000 to manage company data as well as display usage data for the system.
- Databases used included Oracle 7.3, 8.0, and 8i.

### University Client

#### Software Developer

- Designed a system to transfer data from external feeder systems to Oracle's General Ledger on an ad hoc basis. The system used SQL\*Loader to load the data from flat files into the database, PL/SQL procedures to validate, import and post the data, and shell scripts to execute the process.
- Wrote programs to load balances and monthly transaction data into the General Ledger for the purpose of prototyping the conversion of Stanford's legacy General Ledger to Oracle Financials (10.7).

### Marketing Client

#### Contract Programmer

- Wrote SQL\*Plus script and PL/SQL packages to extract and format data from the Oracle Financials Accounts Receivable module to flat files from Oracle Financials for a third-party commission system.

### Manufacturing Client

#### Contract Programmer

- Made modifications and enhancements to a Web-based human resources system for tracking resumes. The query engine used by employers to search the applicant database was rewritten to improve performance and correct deficiencies.
- Work involved the writing of HTML using Oracle's Web Agent and PL/SQL packages for executing the underlying logic. The environment consisted of replicated databases on networked Sun SPARCstations.

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### Networking Client

#### Contract Programmer

- Configured SQL\*Net 2.2 on an HP/UX platform running ORACLE 7.2 to be accessed by Microsoft Windows clients.

### Manufacturing Client

#### Contract Programmer

- Worked with Oracle Consulting on a warehousing project involving Oracle Financials of which Order Entry was a key component. Work involved the development of a system to send, receive, and process credit card transaction data to the Litle credit card clearing house.
- The system was written in PL/SQL using database triggers and UNIX shell scripts to implement the functionality.

### Engineering Client

#### Contract Programmer

- Assisted in the implementation of a system designed to allow field sites to transfer data to and from Oracle Financials for the purposes of project management. The system was comprised of Oracle Financials (version 10.5) on a Sequent SE20 and the Oracle database (version 7.1.4) on the Sequent and Sun Sparc 10 machines, the latter being where the transfer of data between the remote sites and Financials occurred. Stored procedures and database triggers were written to execute the transfer of data between the two machines as well as other database related functions.
- Client extensions were written for Project Accounting to allow for company specific handling of overtime and billing processes. A form was written in SQL\*Forms 4.5 to allow the user to initiate a process which selected and prepared data in Oracle for the Ceridian payroll system.

### Manufacturing Client

#### Contract Programmer

- A system for storing customer-satisfaction data and managing service calls in a client-server environment was converted from Sybase to ORACLE7.
- Work on the former system included the writing of UNIX shell scripts to control the bulk load of data into Oracle. Efforts on the system involved the modification of stored procedures written in PL/SQL and of a front-end written in Visual Basic using ODBC to access Oracle and Microsoft Access to store the data locally on client machines. The system was enhanced to provide additional functionality and improve performance. The server was hosted on NCR platforms and the clients on PC's.

### Environmental Support Client

#### Contract Programmer

- Supported the efforts of client to customize their Radiological Database Management System. Work involved the use of SQL\*Forms 3.0 and SQL\*Reportwriter 1.1 on an Oracle database implemented on an Altos 5000 running SCO UNIX.

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### Scientific Research Client

#### Contract Programmer

- Designed a database using Oracle version 6 for controlling the configuration management of hardware and software. A front-end to the database for entering and querying data was developed using the Motif versions of SQL\*Forms 3.0 and SQL\*Menu 5.0.
- The database and tools were hosted on a client-server architecture consisting of Sun Sparcstations connected via SQL\*Net for connectivity.

### Telecommunications Client

#### Contract Programmer

- Assisted client in developing an LTD for the Farmers Home Administration.
- Efforts involved the conversion of a database from Oracle version 5 to 6, forms from SQL\*Forms 2.3 to 3.0, reports from SQL\*Reportwriter 1.0 to 1.1, porting of a program written in BASIC to a new interpreter, and help with the software used to produce timing benchmarks for the system.
- The system was network-based with the server running SCO UNIX and Open Desktop and the clients Wollongong Pathway Access for TCP/IP services.
- Facsimile and optical drive software and hardware was installed on the network and integrated with existing Microsoft Windows applications.

### Professional Services Client

#### Contract Programmer

- Assisted client in a conversion effort involving their Workmans Compensation Insurance System for the state of Louisiana by creating new forms and providing maintenance support for existing forms (developed using SQL\*Forms 2.3) and reports (written in Pro\*C).
- New forms were created to assist in documenting the system. The system was centered around Oracle version 6 running on a MicroVAX 3100 under VMS.

### Environmental Support Client

#### Contract Programmer

- Provided support to client in the implementation of their Sustainer membership and Tradelands system. Work involved use of SQL\*Forms (2.3, 3.0), SQL\*Menu (5.0), SQL\*ReportWriter (1.1), and Pro\*C under Oracle version 6 on a Pyramid MIS-02/2 running UNIX.

## Oracle Education / Certifications

- Certificate in Full-Charge Accounting/Bookkeeping
- Accounting Technician Workshop
- BS/Meteorology
- BS/Botany

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Suite 100

Addison, TX 75254

**(214) 245-4580**

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