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Senior Oracle Developer — Cendien — Oracle Experts

Oracle Professional Services

I have at least 14 years of IT work experience, obtained in manufacturing, financial and consulting sectors. I have expert level experience with Oracle database and PL/SQL development, Pro*C, SQL*Plus, Forms6i. I have experience in developing web-based applications using ASP and SQL Server. I am proficient in C/C++. I have experience in TCP/IP socket programming, UNIX programming (in C language and Korn Shell). I also do web application development using Oracle PL/SQL Web Toolkit, ColdFusion, JavaScript, and Perl for CGI programming.

Oracle Technical Skills

LANGUAGES: Oracle PL/SQL, Oracle Pro*C, C/C++, HTML, WML, Perl, JavaScript, vbScript for ASP, Bourne and Korn Shells

TOOLS: Oracle Forms6i, SQL*Plus, SQL*Forms, SQL*Report, SQL*Loader, ASP

OPERATING SYSTEMS: UNIX (AIX, Solaris, SCO, Linux), Win2000/WinXP

DATABASES: Oracle8/8i, Oracle9i, SQL Server.

Oracle Clients / Experience

Software Client
Managing Director/Chief Software Architect
I am currently engaged as the Chief Software Architect in my team of software developers where we are currently developing Oracle9i applications for various clients, e.g. a church membership information system. VCharge — a program that generates phone credit vouchers for dealers that buy phone credits from the GSM companies in electronic form. I also conduct training on Oracle Developer software and Microsoft Office tools.

Financial Client
Head, Software Department
I managed all the software development projects which include e+accounting (a web based accounting application), e+banking (a web based banking application). The development platform was ASP and SQL Server Database.

Pharmaceutical Client
Consultant
Worked on a data warehouse project using Oracle Pro*C, PL/SQL stored procedures, Korn shell. I also developed web reports using PL/SQL Server pages (iAS). I used TOAD and for developing database program units.

- IT Environment: Sun Solaris 8, Oracle9i, PL/SQL, PSP, C, Pro*C, Korn Shell

Technology Client
Consultant
This was developed using Oracle Forms6i and generated for web deployment on Solaris 8. I also wrote batch modules using Pro*C and PL/SQL stored procedures and database triggers. I used TOAD and for developing database program units. I wrote Korn shell scripts for automating batch processing. Prepared and performed unit testing for all jobs assigned.

- IT Environment: Sun Solaris 8, Oracle9i, PL/SQL, C, Pro*C, Oracle Forms6i, Korn Shell

Technology Client
Consultant
I particularly was in charge of the development of the sub-system for the interface to the Integrated Control System (ICS), SCADA and PLCs interfacing with FactoryLink PowerSQL. I developed the Oracle stored procedures, Oracle Forms6i and Report6i modules used for the sub-system. I prepared and performed unit testing for all jobs assigned.

- IT Environment: Window 2000, Oracle8i, PL/SQL, Oracle Forms6i/

Government Client
Consultant. I also participated in the customization of RMS for German-based firm, Auto Teile Unger (ATU). Used Oracle Forms6i for screen forms development and maintenance. Used TOAD to develop PL/SQL program units e.g. database packages
Wrote batch programs in Oracle Pro*C. Wrote Unix shell scripts to automate batch processing. Prepared and performed unit testing for all jobs assigned. I was also involved in entire system test.

- IT Environment: SUN Solaris, AIX, Win NT, Oracle8i, Pro*C, PL/SQL, C, Oracle Forms

Public Relations Client
Developer
Worked with the Development Team that develops and maintains web site. This site specializes in

Internet monitoring of online news sources, investor message boards, public discussion areas, and web sites for changes and making reports available to it's subscribers by web or e-mail based on criteria they provide.

- Developed CGI scripts in C / Pro*C
- Conversion of website application programs from CGI based to ColdFusion 4.5 application server writing CFML templates
- Wrote several PL/SQL Packages in the Oracle8i database that are called from the ColdFusion programs.
- Wrote several JavaScript modules for form field validations, menus etc
- Wrote ColdFusion programs to generate WML pages to enable access of reports from WAP devices.

- IT Environment: SUN Solaris, Win NT, ColdFusion 4.5, Oracle8/8i, Pro*C. CGI, PL/SQL, C, HTML/CSS, JavaScript

Financial Client
Manager/Lead Designer
One in the team of software developers that developed and maintained the
UBA's on-line banking application - BRAINS, (Branch Accounting & Information System). This is a client/sever based application with a distributed database system i.e. distributed nation-wide on a VSAT Network, developed using Oracle development tools including Oracle Developer Tools, SQL*Forms, SQL*Report, PL/SQL, Pro*C and C/C++, Unix Shell Scripts

Highlights:
System programming
1) A sockets based communication program based on a simple client/server model that speeds up inter-branch transactions across VSAT network links, bypassing Oracle's SQL*Net (reducing response time from 6 minutes to 5 seconds). The client routine was implemented using the user exit interface to SQL*Forms / Oracle Forms. It creates a socket, makes a connection to a server program on a remote host and sends the name and parameters to run a database procedure, or a SELECT query to the server program, which responds to the request by sending back the appropriate response using the same connection. The program was created using C (with Oracle Pro*C 2.0 for embedded SQL) and the TCP/IP socket library.

2) A web-based Customer Inquiry System that enables UBA customers to access their account information (i.e. account balance, uncleared effects, transaction history and print statements) over dialup Internet connections using a web browser. Developed using CGI scripts (in Perl & C++) that generate dynamic HTML web pages.

3) A file manager (in curses interface) that enables directory changes, viewing, printing, listing and deletes of generated reports, and, most importantly, allows for the selection of a range of pages in a report to be written out and printed subsequently. Written in C.

4) An SAP RFC Server program used for Real Time data exchange between ABAP programs and an Oracle based legacy application - BRAINS. Written in C, ABAP.

5) An SAP RFC Client program - 'Treasury Ticker' that displays the various stages in the processing cycle of Treasury jobs by scrolling them (in various color) in a small window on the Desktop. Used along with the SAP Treasury module for monitoring shared tasks amongst groups.
7) A SWIFT Format Translator Tool. This program generates output from Oracle Database in several SWIFT Standards formats e.g. MT940, MT100 etc, for onward delivery to the SWIFT Network.
8) A Data Consolidation System. A suite of programs that replicates changes made to designated tables in Branch Servers to a central database at H/Q. Sockets based and written in C with a great number of database triggers and stored procedures.

9) A utility that generates cash deposit slips with value translation (i.e. translates numeric values to English words). Created with Borland C++ as a dynamic link library and implemented using the Oracle PL/SQL interface to foreign functions for Oracle Forms 4.5.

General application development
1) Redesign and re-coding of BRAINS to take advantage of the new features of Oracle7 e.g. - database triggers, database procedures and integrity constraints. (Team work).

2) Analysis/design and coding of BRAINS Online Inter-Branch system. (Team work).
3) An image/signature verification system using Oracle Forms 4.5

IT Environment: SUN Solaris, Linux, AIX,Win NT, Oracle7/Oracle8/8i, Pro*C. CGI, PL/SQL, C, HTML/CSS, JavaScript

Manufacturing Client
Computer Programmer
Converted COBOL based applications (e.g. Stock System) to Oracle based using Oracle development tools e.g. SQL*Forms, SQL*Report, SQL*Plus, Pro*C.

Oracle Education / Certifications

BS in Business Administration
Certificate Course in Computer Programming
SAP Certification Course - ABAP Programming
Retek Batch Programming Course

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