

I have over 25 years of professional experience in Business and Information Technology, working as a Business/Systems Analyst, Architect, Designer, Programmer and I am an author of books and articles on Oracle and Java. My area of expertise is in the use of object-oriented analysis, design, and programming, along with service oriented architecture, for business process modeling, enterprise application development and integration, using: Java (J2EE, XML, HTML, CSS, JavaScript, AJAX), and Oracle. In addition, I possess more than 20 years of IT Project management experience.

I have excellent communication, presentation and documentation skills. I have interacted with all levels of the business and technical user communities and have performed mentoring, training and knowledge transfer. I possess excellent problem solving, decision making and teamwork abilities and I am adept at bringing projects to completion within defined budget guidelines and established timeframes. I hold a Bachelor of Science degree in Business from Elmhurst College. I am aware of emerging technologies because I attend conferences on Java, Oracle, and Open-Source software yearly.

Technical Skills

Languages

Java (J2EE, XHTML, CSS, JavaScript, AJAX) [10 yrs], SQL [20+ yrs], PL/SQL [15+ yrs], Powerscript [10+ yrs], C/C++ [5+ yrs], UNIX Shell and Utilities [15+ yrs]

Databases

Oracle 5 - Oracle 10g [20yrs], DB2, Sybase, MySQL, Postgres, Access, dBase, FoxBASE, Btrieve

Other

Agile, RUP, JUnit, Data Modeling [25 yrs], Object Oriented Analysis, Design, and Programming [20+ yrs], Web-based [10+ yrs], Client-server [20+ yrs], UML [5+ yrs], PowerBuilder [10+ yrs], Oracle Forms 6i – 9i [10+ yrs], SQL*Forms 2.3 – 4.0 [5+ yrs], SQL*Loader, SQL*Plus, Oracle Tools, COBOL, UNIX, Linux, Windows, MS-DOS, MVS

Books Authored

[Beginning PL/SQL: From Novice to Professional, APress \(2007\)](#)

[Oracle Application Server 10g Essentials, O'Reilly \(2004\)](#)

[JDBC Pocket Reference, O'Reilly \(2003\)](#)

[Java Programming with Oracle JDBC, O'Reilly \(2001\)](#)

Professional Experience

2007 – 2008, NAVTEQ, Senior Applications Architect

Roles: Applications Architect, Business/Systems Analyst, Designer, and Programmer for the enhancement and internationalization of NAVTEQ's existing Map (GIS), Point of Interest (POI) content, road network, pedestrian network, and phonetic systems. Duties included:

- Wrote the architectural designs (8) for modifications so enhancements would occur seamlessly
- Developed a look-aside architecture that facilitates the modular separation of various content systems from NAVTEQ's road network Map
- Worked closely with the development team members on detail designs
- Materially participated in the development of the application by programming in Java/J2EE, PL/SQL, SQL and UNIX scripts

- Mentored development staff a peers by writing six technology whitepapers and holding a training session on Information Architecture

Applications: Map (GIS), Point of Interest (POI) Content, Road Network, Pedestrian Network, Phonetics

Technology: Oracle Database 9i - 10g, SQL*Plus, SQL*Loader, Java (J2EE), UNIX, Windows

1995 – 2006, Interactive Business Systems (IBS), Consultant

2005 – 2006, BP, Technical Lead (Consultant of IBS)

Roles: Business Analyst, Systems Analyst, Systems Architect, Designer, Programmer for the internationalization of several of BP's existing systems. Duties included:

- Worked with the business community to define the business Use cases
- Wrote the project requirements and the architectural design of the modifications so the internationalization would occur seamlessly
- Estimated the cost of the development, and rollout
- Interviewed, hired, and managed the application development team
- Worked closely with the development team, translators, and customer, base on developing testing plans, and iterative testing of the application as it was built, resulting in a 0.37% error rate
- Materially participated in the development of the application by programming in Java/J2EE, PL/SQL, Oracle Forms, PowerBuilder and UNIX scripts
- Completed the project on time and under budget

Applications: Epidemiology, Industrial Hygiene, Occupational Health, and Medical Equipment Interfaces

Technology: Oracle Database 9i - 10g, SQL*Plus, SQL*Loader, Forms 6i - 9i, Oracle Application Server 10g, PowerBuilder 10.5, Java (J2EE, XHTML, CSS, JavaScript, AJAX), UNIX, Windows

2000 – 2005, BP, Project Manager/Technical Lead (Consultant of IBS)

Roles: Project Manager, Business Analyst, System Analyst, System Architect, Designer, Programmer for various systems, including the creation of BP's Global Health and Hygiene System. Worked with the business community to define the business case, wrote narrative Use Cases including UML diagrams for the system requirements, and the architectural design of the application so it would integrate with existing applications at BP. We built four releases over five years, resulting in less than a 1.28% error rate.

Applications: Regulatory, Human Resource Information Systems, HRIS Interfaces, Laboratory Interfaces, Safety, Security and Provisioning Interfaces, Epidemiology, Industrial Hygiene, Occupational Health, Equipment Interfaces, and Self-service Medical Records Access

Technology: Oracle 9i - 10g, SQL*Plus, SQL*Loader, Forms 6i - 9i, PowerBuilder 8 - 10.5, Java (J2EE, XHTML, CSS, JavaScript, AJAX), C++, UNIX, Windows

1997 – 2000, Amoco, Technical Lead (Consultant of IBS)

Roles: Business Analyst, Systems Analyst, Architect, Designer, Programmer for the creation of various systems at Amoco. Worked with the business community to define the business case,

wrote system requirements, and the architectural design of applications so they would integrate with existing applications at Amoco.

Applications: Regulatory, HRIS, Accounting, & Auditing Systems, General Ledger Integration, Accounts Payable Integration, Property Tax Payment, Environmental Scheduling, Environmental Remediation, Audit Scheduling, Automatic Computer Hardware Inventory, Automatic Computer Software Inventory, Epidemiology, Industrial Hygiene, Occupational Health, Equipment Interfaces, Laboratory Interfaces, HRIS Interfaces

Technology: Oracle 7 / 8, SQL*Plus, SQL*Loader, PowerBuilder 7 / 8, Java (J2EE, HTML, CSS, JavaScript, AJAX-like), C++, UNIX, Mainframe, Windows, Novell NetWare, Ethernet

1996, Major Accounting Firm, Technical Lead

Roles: Business Analyst, Systems Analyst, Designer, Database Administrator, Programmer, responsible for all facets of a *Demographic Data Warehouse* implementation. I worked with the management consulting staff to write requirements for a demographic data. Designed the data warehouse architecture, and specified the required computer hardware. I contacted sources in government and private organizations in order to acquire desired data. Programmed and documented data loading routines using Oracle utilities and PL/SQL.

Technology: Oracle 7.0, SQL*Plus, SQL*Loader, OS/2, PowerBuilder

1996, McDonalds, Consultant (Consultant of IBS)

Role: Acted as the communication interface between internal IT and retail staff on the documentation, communication, packing, and distribution of a Marketing Information System for retail restaurants. Worked with the IT staff to understand the technical side of how the application worked, then worked with the retail customer base to develop documentation and a communication plan in their jargon. Organized and packaged the software so it would be easily installed by the retail staff.

Technology: Oracle 7.0, SQL*Plus, SQL*Loader, Windows

1995, Vandenberg Foods, Consultant (Consultant of IBS)

Roles: Business Analyst, Systems Analyst, Database Administrator where I was responsible for requirements gathering, logical design, coding, systems design, and program design of a *Marketing Project Tracking and Reporting System*. In addition, was also responsible for logical and physical database design and training of staff Database Administrator. Created a disaster recovery plan including back-up procedures and participated in establishing standards for Oracle and PowerBuilder.

Technology: DB2, SQL, PowerBuilder, Oracle 7, Oracle CASE

1990 – 1994, Fantus, Chief Technology Officer

Roles: CTO, Senior Business Analyst, Senior Application Analyst, Programmer, Database Administrator for a Management Consulting Firm, was responsible for requirement gathering, logical design of enterprise database schema, selection of hardware and software platforms, database creation, and database and SQL tuning. Also, designed and implemented an Econometrics Data Warehouse, economic and logistics models, and end user tools to access statistics. Created database triggers and stored procedures to update and maintain statistical reporting tables.

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Technology: Oracle 7.0, SQL, SQL*Forms 4.0, SQL*Plus, SQL*Loader, Report Writer, Pro*C, MS C, C++, Windows SDK, PowerBuilder, Q&E

1984 – 1989, Homequity, Senior Systems Analyst

Roles: Senior Systems Analyst, Programmer Analyst

Technology environment: Oracle 6.0, COBOL, C, C++, FoxBase, SQL, Wang VS

1978 – 1983, President, Donald Bales Construction

Education

B.S. Business, Elmhurst College, Elmhurst, IL, with High Honors, 1994 (3.785)

A.A.S. Electronics Technology, College of Du Page, Glen Ellyn, IL, with Honors, 1984 (3.516)

References

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