

Taiwo
Ogunyankin

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OBJECTIVE

I have experience in Software Engineering: systems design/analysis/testing, data architecture, data modeling, data warehousing, data mining, database design and application development. I would like a challenging position in an environment where my skills and years of IT experience will greatly enhance the company's success and my own personal growth.

EDUCATION

8/2001 California State University, Northridge, California, USA

Master's Degree - Computer Science.

Thesis titled "Mining Association Rules from Financial Data"

6/1986 University of Ibadan, Ibadan, NIGERIA

Bachelor's Degree - B.Sc. Computer Science

CERTIFICATIONS

Oracle Certified Professional

Microsoft Certified Professional, MCP

Microsoft Certified Database Administrator, MCDBA

Microsoft Certified Software Engineer, MCSE

TECHNICAL SKILLS

Data Mining, Data Modeling, Data Warehouse, Database Administration, Analysis and Design, Application and web development, Informix, MS SQL Server 2000/2005/DTS/Analysis Services SQL Server, Oracle 8i, 9i, Shell scripting. AllFusion Erwin Data Modeler, Oracle DESIGNER and Oracle Discoverer. PRO*C, ESQL/SQL, SQL*PLUS, MDX, Stored procedures, triggers, functions. C, C++, JAVA, Visual Basic, BASIC, FORTRAN. MS Project, MS Office, Visio.

AIX 3.3, HP-UX, Solaris, VAX/VMS, WINDOWS 9x/NT/ 2000, MACINTOSH.

IBM RS6000, HP9000, SUN, DEC-VAX11/750 IBM PC's

Knowledge of BMC Patrol, CA Unicenter, Kerberos, TCP/IP, Novell

Other areas of interest: Software Reuse, Object Oriented concepts and Data Mining.

PROFESSIONAL EXPERIENCE

Consulting Database Specialist

2/2003 - Present Ideal Data Solutions Inc., Kingston, ON

Database Systems Modeling, Analysis, Design and Administration. Design and implementation of medical billing/research, parish database application and dynamic database-driven web sites for far-reaching clients. SQL Server2000/2005, Access Data Projects, MySQL, Oracle, DHTML, PHP, ASP, JavaScript, JSP, Database Reporting using Microsoft Reporting services and Crystal reports. SQL Profiler. Data Analysis/ETL Administration. Visual Basic, T-SQL, PL/SQL scripting.

- Analyzed, designed and implemented Health Provider/OHIP Inpatient and Outpatient Shadow Billing Application. Data modeling using Erwin and SQL server. Physical Database using Access Project with SQL Server. Prototype and front end application design using Access and Visual Basic. Data dictionary and metadata created on Erwin and maintained on Excel. OHIP billing data exported on demand to Excel per requirements.
- Designed and implemented Hypertension research databases and applications using Visual Basic, Access, and SQL Server.
- Designed a multi-phase Alumni Reunion Web application using MySQL, PHP, JavaScript.

- Performed data loads, data cleansing, data modeling, prototyping, data analysis and reporting and resolved data quality issues for clinical/cardiovascular research database. Configured SQL Server replication for remote use.
- Worked briefly on SQL server 2005 (formerly code named Yukon) as an assistant editor for PASS DWBI SIG (Professional Association of SQL Server Data Warehousing/Business Intelligence Special Interest Group).

Application Support Manager

10/2001 - 2/2003 Catena Networks, Kanata, ON

Responsible for ORACLE 8i, 9i, Microsoft SQL-SERVER 2000/DTS/Analysis Services, ACCESS Database. Administration of twelve different databases -OLTP and Decision Support. Researched and resolved database performance problems. Application customization, support and maintenance (Unicenter Service Desk -API customization, Intuitive ERP, Agile, Equity Edge). Performance and Tuning. Data/ETL Administration. OLAP Reporting. Integration of various systems. SUN Solaris, WINDOWS Servers

- Maintained all corporate database services, including SQL Server, ORACLE, ACCESS and other critical database systems. Guaranteed cross-database data consistency.
- Data Modeling using AllFusion Erwin 4.1.
- OLAP analysis and reporting using Crystal Reports.
- Designed and implemented Human Resources Information System-HRIS using SQL Server, ACCESS project and Visual Basic according to specifications
- Advised the senior IT group of application requirements in terms of network demand and platform requirements.
- Planned, conducted, and directed the analysis of complex business problems to be solved with corporate systems.
- Provided technical assistance in identifying, evaluating, and developing are cost effective systems and procedures to meet user requirements.
- Created specifications for systems to meet business requirements and provide user consultation.
- Created database replication/standby strategies for the software systems being deployed by Catena Research and Development.
- Created an online Database Monitoring page for Information Services group.
- Provided database services to Internet functions as appropriate.
- Formulated and monitored policies, procedures and standards relating to database management.
- Assisted in creating Service Level Expectations for Applications and databases.

Database Administrator/Data Administrator

5/1999 - 9/2001 Bassett Healthcare, Cooperstown, NY

Responsible for ORACLE 8i, Microsoft SQL-SERVER 7/2000, Sybase Database Administration of four different clinical databases -OLTP and Decision Support. Research and resolve database performance problems. Monitored and tuned the Operating Room Oracle database, Patient Care Management Oracle database and the 3-tier SQL Server Helpdesk database for performance. Back-end application development, customization and maintenance. Unix shell, AWK and Perl scripting. Prepared test plans and test scripts. IBM AIX, WINDOWS servers, IBM Mainframe, Crystal Reports. OLTP and DSS Database Administration.

- Prepared flow diagrams/charts and reverse-engineered systems to provide detailed specifications.
- Reverse-engineered and re-engineered systems, creating process and data models and generation of SQL scripts from Oracle Designer 2000 and Erwin.
- Installations, upgrades and integration of Oracle and SQL Server database servers.
- Re-engineered the decision support Oracle database physical architecture.
- Administered data loads using SQL*Loader.
- OLAP reporting using Crystal Reports.
- Documentation of all meta-data for critical and non-critical databases.
- Created an enterprise-wide logical data model for all clinical and non-clinical systems.

- Expanded Bassett's Sybase clinical database to accommodate growth.
- Document summarized and detailed business architecture and specifications.
- Plan, schedule and execute functional and unit testing plans.
- Design and implement detailed project plans and progress reports for database-related projects. Prepare Go-Live plans. Create project charter and expected business benefits document.
- Train, mentor and transfer database knowledge as needed to junior DBAs, clinical/systems analysts.
- SCCS and CVS source code change control management.
- Interactions with vendors and external consultants.

Informix Database Analyst – Contract

2/1999 - 5/1999 Kinko's Inc., Ventura, CA

General Database Administration and Analysis work on Oracle and Informix databases. Data Modeling and Analysis and Reporting. Query optimization, capacity planning. Informix.

Oracle Database Analyst – Contract

11/1998 - 2/1999 AMGEN (SMCI), Westlake Village, CA

Database Analysis/Reporting of Clinical Trial Oracle database.

Data Warehouse Specialist/ Data Architect

8/1996 - 11/1998 Washington Mutual, Inc. - Chatsworth, CA

As a member of the pioneering team to build a large enterprise data warehouse, responsibilities included: systems analysis and design, data modeling, database administration, back-end application development, customization and maintenance. Provided support for the delivery of customer and financial data on an enterprise-wide basis through the use of the data warehouse and data mart applications. Identified and traced data quality issues, research and resolve query performance problems, and provide technical support to both technical and non-technical end-users. Java and C++ programming. Extensive logical and physical data modeling. Managed and maintained business and technical metadata using ERWIN, Informix-MetaCube, Crystal Reports. Light JCL, Mainframe tools, DB2, SQL and ETL (Carleton Passport) tools scripting. HP-UX , IBM Mainframe –Stored procedures, triggers and functions. ESQL/SQL,C, C++, JAVA, Visual Basic, BASIC, FORTRAN. MS Project, MS Office, Lotus123, and Visio. C and Korn Shell Scripting, Informix Database Administration/Development.

- Took part in all phases of the development and implementation life cycles.
- Performed requirements, design, model, and code inspections.
- Participated in the analysis of legacy source systems and user and operational requirements.
- Designed and administered bi-monthly data loads into the target data warehouse from mainframe feeds. Transformed legacy data files using the High Performance Loader.
- Scripted Informix's ESQL/C and design custom shared library C functions to optimize fragmentation and manipulate BLOB (Binary Large Objects) data.
- Participated in development of data process model and Logical data model design.
- Developed and ran benchmark queries to ensure success of fragmentation strategy. Create test cases and end-user trials for checking data loads and query performance.
- UNIX shell, AWK, scripting and application development and maintenance using C.
- Fixed the numeric formats conflict of COBOL integer data usage within Informix's High Performance Loader, saving the project time and money.
- Participated in creating database design and implementation strategy for the data warehouse project.
- Participated in preparing a scope and strategy document and project Gantt chart for the project and maintained milestone checklist till the end of the project.
- Re-engineered the data warehouse physical architecture.
- Formulated naming conventions and standards for the enterprise data warehouse.
- Participated in assessment and selection process of vendor tools for data cleansing/preparation. Reviewed and evaluated vendors' RFPs.
- Tuned database engine to optimize parallel load and query processing.

M.I.S. Consultant (Assistant Vice President)

3/1994 - 8/1996 Bank of America, - Glendale, CA

Responsible for INFORMIX database administration, customization, maintenance, system administration and analysis. Provide on-going training and technical support. Fine-tune the Unix-Informix system for efficiency and performance. Systematize Welcome call and Branch-supported campaigns. Set up menus for user screens and reports. Scheduled programs for batch. Produce management reports for tracking purposes. Customize call queues by campaign. IBM – AIX - PRO*C, C, SQL. Shell Scripting, Informix Database Administration/Development.

- Redesigned the customer referral program and developed the training program.
- Designed and implemented the customer retention pilot program for Customer Connection, and developed the program for the CD Retention campaign for Bankers On Call.
- Successfully completed the system audit conducted by BASE group -B of A System Engineering. Systematized Welcome call and Branch-supported campaigns. Set up menus for user screens and reports. Schedule programs for batch. Produce management reports for tracking purposes.
- Customize call queues by campaign.
- Redesigned the customer referral program and developed the training program.
- Designed and implemented the customer retention pilot program for Customer Connection, and developed the program for the CD Retention campaign for Bankers On Call.
- Successfully completed the system audit conducted by BASE group -B of A System Engineering.

Systems Manager

6/1990 - 3/1994 Celebrity Home Entertainment, Canoga Park- CA

Developed and provided initial setup various Informix financial reports for management use, provided technical assistance and training to users. System housekeeping and creation of user-friendly menus. Responsible for the conversion of the companies' accounting system from COMPUAMERICA to MCBA. The initial setup, implementation and maintenance of inventory control, A/R, A/P, G/L systems.

Computer Programmer, Assistant Data Processing Manager

10/1989 - 6/1990 McClellan Corporation, - Woodland Hills, CA

Programmed in POWERHOUSE-QTP, QUIZ, PhD, QUICK to keep and maintain data. Used BASIC for both program support and conversion of data for use between different programs. Assisted in system programming. Used XTALK and KERMIT for exchange of data between the Micro VAX and IBM PC. Trained and assisted users in the use of the computer.

Computer Programmer

6/1986 - 3/1989 International Institute of Tropical Agriculture -, NIGERIA

FORTTRAN and BASIC programming. Creation of VAX-DCL procedures for batch runs. Maintained mailing lists and library automation using BASIS. Programmed inventory control, telephone and personnel systems using ORACLE-SQLPLUS, SQLFORMS, HLI, FORTRAN pre compilers. Maintained the institute's weather and climate reporting using Lotus 123. Maintained a small inventory of the institute's computer diskettes using DBASE III+. Trained trainee/junior programmers and other personnel in the use of computer and software.

MEMBERSHIP

Professional Association for SQL Server, PASS – Member, former Editor

Kingston Technology Council - Member

Association Computing Machinery, ACM Member