

George Eckenrode

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Summary

Twenty six years of experience working with end users and technical IT staff in the successful design, development and implementation of data processing, storage/retrieval systems for mortgage origination, banking, medical, accounting, Point of Sale, inventory management, E-Learning database management/delivery and cross system integration. My primary points of expertise have been addressing data migration, design and optimization. Additionally, I have enjoyed many years as a world lecturer and trainer for Client/Server distributed systems and multi-tiered architecture design, solution development and deployment. My strongest qualifications summary would be my numerous years of experience as a Senior Software Engineer for designing and implementing enterprise level solutions.

Areas of Expertise

- Database Optimization
- Legacy Data Migration
- Database Design
- Multi-Tiered System Architecture
- E Learning Systems
 - SCORM and AICC
- Inventory Control Systems
- Mortgage and Loan Origination Systems
- System Design
- Rescue Support (Disaster Recovery Design)

Certifications / Licenses

- ORACLE databases (7.x and 8i)
- Microsoft's SQL Server
- Microsoft Product Specialist
- Sterling Software's ObjectView
- Microsoft's .NET (VB, ASP, C#)
- Florida Real Estate Broker
- AFAA Personal Trainer

Knowledge and Skills

- **Languages:** PERL, PHP, RUBY, Rails, ASP, .NET (VB,C#), PL/SQL, HTML5
- **Operating Systems:** Windows, Linux
- **Tools:** SQL Server Reporting Services (SSRS), Toad, Office Products, ERWIN, ADW 1.6, 2.7, Authorware, Adobe Suite, SCORM/AICC, HTML5
- **Oracle Database skills**
 - Oracle PL/SQL
 - Oracle stored procedures
 - Toad for Oracle
 - Oracle OCI connectivity
 - Triggers
 - Views
- **MS SQL**
 - Stored procedures
 - SQL queries
 - Optimization
- **Web Development skills**
 - AJAX, CSS - Content Style Sheets
 - HTML5
 - Java
 - J2EE
 - JSP - Java Server Pages
 - JSF - Java Server Faces
 - Responsive Design
 - Prime Faces
 - Object oriented design & development
 - ASP
- **PeopleSoft HCM/CRM applications version 9.1**
- Experience with RESTful or SOAP based Web Service integration
 - Creation of web services
 - Design and implementation of applications and web pages using web services
- **Multimedia applications, database interactions and data modeling tools**
 - MS SQL, ORACLE, MySQL
- **Relational Database skills**
 - Relational table design
 - SQL development
 - JDBC connectivity
 - ODBC connectivity
- Ability to communicate effectively (both written and orally) with all levels of audiences
- **Experience with enterprise application servers**
 - Websphere
 - Microsoft IIS
- **Web Service standards and technologies – SOAP**

Experience

E Learning - CSX Trains/Transportation - Jacksonville, Florida - October 2011 - present
Database design, optimization, reporting services and data manipulation for a corporate on-line education, training, and certification system. This system is designed with a SQL Server data repository and front end delivery systems including: Authorware, Captivate, Adobe's Flash and some third party SCORM and AICC products. My direct responsibilities include extensive "hands on" coding within the E Learning products, data migration utilities, reporting and data design, manipulation/optimization and the design and creation of an exam engine and numerous web based dashboards and utilities.

Point of Sale / Inventory Control - Scholastic Books - Lake Mary, Florida - January 2008 - March 2011

Designed and coded an inventory control system that included on-line reporting services and real time inventory levels related to books and educational products. Additionally, I re-engineered the corporate point of sale software system that included product bar code scanners, inventory forecasting, and sales statistics. This corporate point of sale / inventory system was a combination of real time and batch sales and inventory control.

Web Based Medical - Johnson And Associates - Orlando, Florida - April 2010 - August 2011

Designed and coded a web based medical products fulfillment system. This system is deployed in medical offices and treatment centers. On-line product allocation, inventory control and patient billing and maintenance were the areas that I designed and coded.

Mortgage Origination - Fidelity National Information Systems - Jacksonville, Florida - November 2000 - January 2011

My missions deeply involved me with reacting to emergency situations at various client sites related to banking and mortgage origination products that Fidelity supports. Some of my notable clients have been Toyota, Harris Bank, Sun Trust, Washington Mutual and TD Bank North. Major projects have included database migrations resulting from bank mergers and acquisitions, resolving system slowdowns related to database deadlocks, obsolete indexes, rewrites of stored procedures, restructuring of tables and views, in depth analysis to match extreme volumes to response times and data platform migration from non-similar data structures to support corporate changes in systems and products in production and slated for use in production.

Database Optimization / DTS Packages - USG - Chicago, IL - November 2006 – October 2007 At United States Gypsum Headquarters, my projects included production database optimization of stored procedures and table indexes, design and implementation of Microsoft SQL Server's SSRS for numerous daily, "real time" departmental reports. Additionally, I migrated 400+ DTS packages onto a new SQL Server DBMS version.

Real Time Golf Match Statistics - IBM - Jacksonville, Florida - July 2008 - December 2010 Designed, developed and maintained a series of database stored procedures that were used by Internet web pages to display "live" player statistics, game scores, and leader board statistics for IBM's web site used by the Master's Tournament for the PGA, U.S. Open for USTA, and the Goodwill Games.

Slot Machines / Hotel Reservation Systems - Harrah's Entertainment, INC. - Memphis, Tennessee - February 2005 - December 2007 Designed and developed database utilities and front end applications that enabled the population, access and maintenance to large data stores. These databases contained massive amounts of data related to casino slot machines in the gaming industry. Additional systems that I worked directly with multiple hotel reservation systems used by the Harrah hotel chain. These two areas of the corporate business were tied together via the multiple databases reflecting trending (gaming and reservations), reservation booking, and slot machine analysis.

Project Design / Management - Delta Software Systems - Memphis, Tennessee - April 2002 - December 2007 Director of Client/Server Development, Project Design, Management, and Proposals for PC-based and Host (mainframe and mid-range) to PC-based solutions including many cross-platform environments. Delta Software Systems was a contract IT project staffing firm that owned and maintained numerous beverage inventory control systems for national distributors.

Lecturer / Trainer - I/S Resource Group - Columbus, Ohio - January 1999 - April 2002 Responsibilities included preparing and giving world-wide lectures, seminars, and training on Client/Server design principles and enterprise development including extensive "hands on" demonstrations.

Client / Server Resource - Information Industries, INC. - Columbus, Ohio - January 1999 - April 2002 Director of Client/Server development. Extensive work with Knowledgeware's Flashpoint and ObjectView, Visual Basic and Visual C to develop, design, and code departmental solutions as well as EIS applications. This position enabled me to evaluate, train, and place system engineers and re-engineer many corporate legacy systems.

Database Design / Inventory Control - The Express - World Headquarters - Columbus, Ohio - November 1994 - January 1999

A woman's fashion retail distributor and store chain, with over \$1.3 billion in annual sales in over 650 stores worldwide. CASE-Architect-Senior Programmer/Analyst, Project Leader on a six-million dollar system restructure project, CASE Analysis, design, and construction, Developed CASE training courses and material, Regression and Parallel system implementation, Developed and Deployed a Sales Audit System, Mentoring and JAD session facilitator.

Point of Sale - Mercantile Stores, INC. - NYC, NY and Cincinnati, Ohio - March 1990 - November 1994

A large-scale department store with over 105 stores Programmer/Analyst Application development for the 4680 IBM Point of Sale machines, Developed and Deployed an inventory management system that incorporated hand-held scanners and remote data transmissions.

Assistant Professor - Data Processing - Sullivan County Community College - Loch Sheldrake, New York - September 1985 - April 1990

Assistant Professor of Data processing and Information Engineering course instruction. Teaching and course design included: database design, COBOL, FORTRAN, data optimization, office products and IT concepts. Additional responsibilities included designing and coding, under contract to the Hotel Technology Department, an inventory management system.

Education

- B.S. Music - The Juilliard School of Music - NYC, New York
- A.S. Computer Science - SUNY - Loch Sheldrake, New York
- Graduate Work (statistics) - Binghamton University - Binghamton, New York
- Graduate Work (computer science) - Cincinnati Technical College - Cincinnati, Ohio

Personal Interests

- Indoor cycling (Spinning) YMCA instructor
- Pilates YMCA instructor
- Cooking
- Photography
- Craft Beer Brewing