

GEORGE ECKENRODE



PROFILE

Twenty-seven 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, database 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.

CONTACT

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HOBBIES

Photography
Cooking
Real Estate Investing

EDUCATION

The Juilliard School

09/1969 – 05/1974

Graduated with a 3.8 GPA and a Bachelor of Music degree

Binghamton University

Graduate work – Business courses and statistics

SUNY Lock Sheldrake

A.S. Computer Science

WORK EXPERIENCE

Southeastern Aluminum Products - IT Dept. Manager

01/2019–present

Departmental budgeting, staffing and maintaining profitable operations.

Maintaining code edits for 15 proprietary applications as well as a large SQL database for inventory management, client orders and day to day operations.

This project, for me, involved extensive data mapping identifying all data input/output and all related data transformations. For this part of the project, I used ErWin, Embarcadero, and Power Point. Two forms of documented output were created: one listing all application module names, data variables (type and values) and another version showing a higher-level process flow and procedure mapping. The main proprietary application and related fifteen applications/utilities rely on numerous API's. These API's consisted of vendor provided API's (Sys Pro) and in house coded API's for ETL and communication to the SQL Server.

Enterprise Integration – Database Dept. Manager

09/2016–12/2018

Operating as a Managed Service Provider, maintained over twelve world-wide corporations totaling over seventy-seven enterprise databases (Oracle, SQL Server and PostGres) both on premises and cloud based (AZURE and AWS). My responsibilities included “white glove” client communication, capacity planning and forecasting, system upgrades, standards enforcement, backup/restores, log shipping, and numerous optimization strategies as well as managing a small IT staff. Database locations are both on premises and in both AWS and AZURE. Most reporting and data manipulation was done using PowerShell scripting. Two of the client companies involved data architecture designing, subsequent coding and the use of MongoDB as the related corporate data requirements (ETL and Reporting) required the use of a non-relational database.

One Call Care Management – Data Cleanup (multiple systems)

01/2016–09/2016

Reducing multiple databases from many legacy and acquired systems into one useful database. Additional work with SSRS, web services and stored procedure optimization. Within the environment, there were a large number of SSRS reports that needed to be version migrated as well as edited to remove depreciated syntax in queries and stored procedures.

CSX Trains / Transportation– Database Design and E Learning

10.2011–12/2015

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. The main languages I used for this project were .NET, PHP, HTML5 for web page creation, API's (between the web pages and SQL Server) and PowerShell.

SKILLS

- Languages: PERL, PHP, PowerShell ASP, .NET (VB and C#), PL/SQL, Python
- Operating Systems: Windows, Linux
- Tools: SQL Server Reporting Services (SSRS), Microsoft SSIS, Toad, Idera SQL Monitoring, Embarcadero for data modeling, ErWin, SCORM/AICC, HTML5
- Oracle Database skills
- MS SQL – versions 6.5 through version 19
- Power BI
- SYSPRO
- Web: AJAX, CSS, Java Script, API's, ASP, Responsive Page Design
- MONGO DB
- MySQL
- PostGres
- ITIL Foundations

CERTIFICATIONS AND LICENSES

- Microsoft's SQL Server
 - ORACLE (7x and 8i)
 - MONGO DB
 - Microsoft's .NET – VB, ASP
 - Florida Real Estate Broker
 - AFAA Personal Trainer
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