

EVIDENCE OF EXCELLENCE

Shannon Kane-Saenz



18 YEARS OF DATABASE ENGINEERING

Position: Quality Systems Analyst
Company: Nestle - Haagen-Dazs
Department: Quality Systems
Recognition: Hired as Full-Time Developer from a Contractor Status

During my time at the Haagen-Dazs factory I supported the entire plant from Operations to Finance to Change Management. I developed software that fully automated quality process control efforts for all 10 manufacturing lines. Under my leadership, architecture and development I installed computers for each line, provided a user interface for quick and easy data entry, and provided on-screen process control specifications on demand. This removed the need to print hundreds of documents each month, improved efficiency, and provided much needed statistics for quality and operations monthly reporting.

Position: Quality Systems Analyst
Company: Nestle - Haagen-Dazs
Department: Quality Systems
Recognition: Change Master Award

I automated the micro-lab by creating a solution that leverages barcode technology to make it easier for lab technicians to log and recall testing samples. The results of these tests were then passed into the quality process control solution and used in reporting. In parallel, I also upgraded the existing cost reporting solution to leverage data from the quality process control solution. This eliminated manual collection and data entry efforts and marked the beginning Haagen-Dazs' plant wide reporting solution. The final plant wide reporting solution included modules for tracking Safety Training, Line Training, FMLA, and Labor.

Position: Systems Improvement / LAN Administrator
Company: Nestle - Haagen-Dazs
Department: Change Management
Recognition: Hall of Fame Award

My next big project was the Supplier Quality Rating System. This solution was leverage across all ice cream manufacturing plants and was my first corporate project. The cost avoidance achieved by this solution was estimated to be around \$200,000 yearly and I was awarded the highest recognition granted at the time, the Hall of Fame Award.

Position: Senior OutlookSoft Developer
Company: Nestle - Dreyer's Grand Ice Cream
Department: Strategy and Planning
Recognition: Promotion

I designed and developed a drill-able profit and loss reporting tool using OutlookSoft and SQL. I automated the monthly processing so that it could be managed exclusively by the business with limited dependency on IS/IT. For my efforts I was promoted to Programmer Analyst with the Business Intelligence Department of IS/IT.

Position: Programmer Analyst
Company: Nestle - Dreyer's Grand Ice Cream
Department: Business Intelligence - IS/IT
Recognition: Promotion

I designed and developed Nestle's first ever Activity Based Costing for Distribution application. The development of this application was the first cross team effort between our parent company, Nestle, and Dreyer's Grand Ice Cream. During this effort I was promoted to Senior Programmer Analyst and given a team to lead. As their Technical Lead I handled all technical project management, scheduling, estimates and technical specification authoring. I trained my team and then rolled up my sleeves and aided in the development. We had a very tight deadline but together we were able to meet the challenge successfully.

Position: Senior Programmer Analyst
Company: Francis Ford Coppola Presents
Department: Business Intelligence

I designed and developed a web-based Sales Pricing Tool using ASP.net and SQL. During this effort I handled all project management, requirements gathering, specification writing, development, and testing. Project Management best practices were a new concept for the company so during this time I also socialized and trained employees on why Project Management is so important.

Position: Senior Database Engineer
Company: Voxent Technologies
Department: Data Warehousing

I designed and developed the Productivity tracking and reporting solutions. This solution consumed healthcare encounter data from NextGen for over 50 affiliates. NextGen lacks data governance in many fields that one would naturally expect to see control such as date and age fields. Instead of having a date or integer data type these fields are text. Which means we would see data such as "I don't know" instead of a date or age. This made this project quite challenging. In a perfect world the affiliates would manage this issue at the point of entry. But the decision was made to not place the burdon on our affiliates, so I was charged with creating complex algorithms to handle these exceptions using agreed upon business rules. The final result provided statistical results for all encounters and encounter types by facility and provider. Affiliates had been calculating these results manually for over 20 years. Now these reports are available to affiliates through an automated solution on a daily basis.

Position: Senior Database Engineer | Senior Data Governance Implementation Mgr.
Company: Optimum Healthcare IT
Department: Implementation

I have two roles at Optimum, a Senior Database Engineer and a Senior Data Governance Implementation Manager.

As a database engineer I meet with clients to determine their data needs. Then I design and develop automated solutions to meet those data delivery needs, fully document the solution, train their technical employees to manage the solution and train their business users to leverage the solution. My work is reusable, re-entrant, portable, self-evaluating and repairing when possible, fully annotated, and coded for performance from the start. I use an iterative development life cycle that includes a robust business requirements document with complete definition of success, technical document, unit testing, user acceptance testing, deployment scripts and training.

As a data governance implementation manager, I guide clients through the process of changing the way business and technical departments interact to unite around data governance. This is no easy task, it requires collaboration between executive staff, IT, and business staff from across all levels of the organization. It is an organization wide shift in culture that requires a complete understanding of how they currently operate, ascertaining their data governance maturity level, processing engineering, people management, training and even development in some cases.

Position: Senior Database Engineer
Company: Independent Contractor - Upwork/O'desk

I have helped numerous companies succeed by providing development support, project management, and consultation. Over the years I have maintained a steady client list and have earned a 5 star rating.

Clients:

Niche Fashion Technology – Peter Pakarinen
Fast HRMS – Sam Powers
Improvizations - Bryan deSilva
Tulare Youth Service Bureau - Deborah Sparks
Pennacle Partners – Mary Malone
OTC Find - Alex Jeria
Streamliner, Jacob Nowicki
Mattox, Terrel and Associates – Clint Terrel
AFORE – Ryan LaValva
