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**TECHNICAL**

**SUMMARY:**

 I have enjoyed a successful career in database sciences as an expert resource in database (transactional and data warehouses) involving the design, complex programming, analysis and delivery (ETL) of that data into data marts, analytical formatting, reporting (paper, spreadsheet, and online delivery) systems.

**TECHNICAL**

**SKILLS:**

 Hardware:  PC, Laptops, Servers, Wireless and LAN networks

 Operating Systems:  Linux and unix (database centered), All Windows

 Programming Languages:  PL/SQL, T-SQL,TSQL, SSIS, SSRS, SSAS, Transact SQL, Visual Basic (vb) Version(s) 3,4,5,6, and .net (dot net), Sql Server Data tools for Visual Studio 2013, MS Access Basic, Access SQL, ANSI SQL, SQL, MYSQL, UML, HTML, VBScript.

 Technologies/Tools:  SSIS, SSAS, SSRS, COM, COM+, DAO, ADO, RDO, ODBC, OLTP, OLAP, ActiveX, Active Reports, Microsoft Visual Source Safe, MS-Project, MS-Office, MS Analysis Services, Excel, SQL Loader, SQL Server Agent, Seagate Crystal Reports (11), Access Reports, Microsoft Data Access Projects, SQL Query Analyzer, Triggers, Stored Procedures, Alerts and Jobs, Database Modeling and Design, Toad Data Modeler, DB Designer,  Backup and Restore, DDL, performance and tuning, CRON Jobs, TOAD, SQL Navigator, Talend and query optimization.

 Concepts:  Data warehousing design (OLAP) and development. data marts, star schema , snowflake schema ,  design. Transactional databases (OLTP), ETL

 RDBMS:  Microsoft SQL Server version(s) 2014 / 2012 / 2008 / 2005 / 2000/ 7.0/ 6.5, MS-Access 2005/2000/ 97/ 95/ 2.0, Oracle 7/ 8/ 8i/ 9i/ 10g/11,  DB2, MYSQL.

* Cloud technologies: Amazon Web Services (AWS)

**EXPERIENCE:**

**10/2015 – present**

**ConEst Inc – Manchester NH**

**Role: Database and Crystal Reports developer**

* Responsible for Database design, modification, and modeling for SQL Server 2008
* Responsible for T-SQL,SQL, and Crystal Programming

**8/2014 – 8/2015**

**Commonwealth of Massachusetts – State Auditor’s Office**

**Role: Database developer/SSIS specialist/SSRS Specialist**

* Responsible for SSIS, SSRS, Database design, modification, and modeling for SQL Server 2012 and 2014
* Responsible for T-SQL, PL/SQL and SQL Programming
* Accomplished initial Agile Sprint for Master data warehouse
* Accomplished the SSIS for APCD data
* Used technologies like Sql Server Data tools for Visual Studio 2013 for SSIS programming on SQL Server 2014  databases.
* Accomplished multiple Agile sprints to develop data warehouse designs and program ssis packages to keep them filled and maintained

**6/2013-08/2014**

**Commonwealth Care Alliance**

**Role: SQL Applications Developer**

* Responsible for SSIS, SSRS programming on SQL Server 2008 R2
* Responsible for T-SQL and SQL programming
* Responsible for BI development on Talend
* Accomplished development and release of the CENSEO SSIS and SQL data project
* Accomplished development and release of the MATRIX SQL project.

**5/2012-6/2013**

**State of MA, Dept of Health, Div of Professional Licensure**

**Role: Database Programmer/Administrator and Report Designer**

* Responsible for ETL with PL/SQL and SSIS
* Responsible for SSRS (Reporting Manager) and Crystal Reporting Systems
* Responsible for Migration of SQL Server DB from old server to new virtual one.
* Responsible for Oracle and Sql Server Database systems with OLTP and OLAP warehouse

**8/11-1/12 Price Stats LLC**

**Role: Senior Database Engineer**

**Services and SQL Server 2005 & 2008**

* Responsible 44 servers on Amazon Web Services; responsible for performance, backups, database architecture and administration.
* Performed ETL work on dozens of SQL Server Databases using T-Sql and SSIS
* DBA of 42 databases with more than a terabyte of data
* Designed a bulk insert delivery system for the data transfer of 1,000,000 records per day to use with Kapow scraper software.
* Responsible for the performance of Web Scraper Plus packages; approx 800+ across the cloud.

**4/11-6/11 Liberty International Group**

**ROLE: Senior Database Developer (Sql Server 2008)**

* Created SSAS cube for Claims Reporting from Genius Datamart
* Modified SSIS projects and packages for 2nd quarter goals
* General SQL scripting for analysis , package, and cube preparation

**7/10-4/11 Fresenius Medical Care** (Through Advantage Technical Resources)

**Role: Senior Database Developer (pl sql and T-sql)**

* Created Technical Specification for Charges Data Store
* Working with teams of product owners to ensure quality of data.
* Created the data model in Toad data modeler for Charges Data Store
* Created tables, indexes, sequences for tables in the model
* Created store package, procedures, and functions in oracle 10g
* Working with views and tables in Sql Server for ETL processes in Charges Data store
* Created SQL Loader ETL processes.

**11/09-6/10 Mercury Software Consulting**

**Role: Sql Server 2008 consultant for an Enterprise data warehouse and Data store for Circor Corporation**

* Created SSIS packages for the ETL loads to handle bookings, sales details, orders, and inventory.
* Created SSAS cubes for the EDW to handle a business expression of supplies purchased from three of their divisions.
* Created a report using SSRS
* Performed analysis of the client's NY data to put into a data dictionary.
* Performed analysis of the client's NY data to form a target table to source table document to aid the ETL (loading) of the client's data
* Performed the data warehouse design for the client's NY data and modeled tables in the Sql Server 2008 database.
* Created SSIS packages to load the NY data into the data warehouse.
* Created a database design using db designer 4.

**6/09 – 9/09 Deloitte & Touche for Boston Scientific Corp.**

**Role: Database and Reporting Consultant**

* Consultant built SSIS packages to import data from Health Medical Systems into the HCP tracking database for SQL Server 2005. The purpose being to track all expenditures resulting from BSCI courting any health professional about their products.
* Consultant designed database design modifications to accept incremental updates from HMS.
* Consultant acted as a mentor to a junior coder in T-SQL and SSIS.

**11/08 – 5/09 Fairpoint Communications**, Manchester, NH

**Role: Database and Reporting Consultant**

* Consultant performing conversions of Verizon Telephone reports in Crystal Reports XI, using Business Objects 11 through the Business Objects Enterprise to create business views. Some objects are OLAP cube designed to explain specific details such as Installer, Customer, Region, Time to Complete
* Consultant performing ETL using Business Objects XI and PL/SQL
* Consultant building stored procedures, views, and tables in Oracle 10g using PL/SQL development

**6/08 – 11/08 Florida Power and Light at Seabrook Station, NH**

**Role: Database and Reporting Consultant (NRC Security Clearance)**

* Consultant took over ETL processing and programming of automated scripts to output data from Maximo and eB systems to be used in a centralized Documentum project. Systems include MSACCESS and Oracle 8,9i, and 10g PL/SQL
* Consultant reviewed and updated reporting of RWP (Radiological Work Processes) to a fleet wide report in Crystal Reports XI.
* Consultant provided high level support and programming to a back log of help requests in the NAMS, Maximo, and eB databases.

**3/08 – 4/08 Maximus**, Boston, MA

**Role: Database programming**

* Consultant, using SQL Server 2005, wrote two sets of programs in T-SQL and reports to export all qualified Mass Health Care recipients the new rates and companies that would cover them.
* Consultant created a new program in SQL Server from MSAccess that handles health care claim account transactions; the result, improved run time with automation instead of manually running.

**11/07 – 2/08 Abt Associates**, Cambridge, MA

**Role: Database Modeler, Designer and Programmer**

* Consultant, using Sql Server 2008 and Visio to analyze client needs and current systems, designed a data warehouse of metadata about proposals, projects, images, and financials that stemmed from client requests and all the documents that went with them over the last 30 years.
* Consultant using SSIS to perform all ETL that flowed into OLAP objects to combine factual and dimensional data pertinent to specific projects.
* Consultant using SSRS to perform all reporting

**8/07 – 11/07 e-Dialog**, Lexington, NH

**Role: Database Programmer**

* Programming ETL with Oracle PL/SQL for company clients
* Programming ETL using proprietary product DataSync

**8/06 – 8/07 Liberty Mutual**, Portsmouth, NH

**Role: ETL (PL/SQL) Programmer and Senior Technical Resource on PLANIT\_RPT Data warehouse**

* Accomplished the creation of Planit Reporting data warehouse Release 2 as part of the PLANIT\_RPT Team. Design and unit test ETL programming with Oracle PL/SQL.
* Designed the OLAP cubes with Oracle PL/SQL to bring in Daily Time Slices from Clarity to be used to create Fiscal Time Reporting in data warehouse.
* Designing and Testing reports.
* Consultant is a top-level site administrator for SharePoint by Microsoft.
* Performing training and user help desk for SharePoint.
* Writing and executing test plans for upcoming releases of Clarity.
* Ongoing production support of PlanIT Reporting data warehouse and PlanIT Reporting

**5/06 – 8/06 Fallon Community Health Plan**, Worcester, MA

**Role: ETL (Oracle PL/SQL) & Crystal Reports Programmer**

* Consultant prepared ETL design plans and designs for the OLAP cubes for the Fallon data warehouse for reporting on the common fees, costs, patients, and appointments found in all Fallon’s health care claim system.
* Created crystal reports and the Oracle PL/SQL for it on an ad-hoc basis.
* This contract was supposed to go to perm and when the prospect was removed to do so I found another temp-to-perm above.

**3/06 – 5/06 American Satellite & Entertainment**, Concord, NH

**Role: TSQL (SQL Server) & VB Script (DTS) Programmer**

* Worked with Tivo to ensure their web and operational processes are in order.
* Coordinating client problems, needs, and priorities with bug tracking software.
* Creating automated DTS processes that email, FTP, or both, files to client’s servers.

**10/05 – 12/05 Florida Power and Light @ Seabrook**, Seabrook, NH

**Role: Oracle 9i PL/SQL Developer, Crystal 11 Developer**

* Perform pl/sql jobs plus reporting to include, stored packages, stored programs, functions, procedures, and triggers in an implementation of the Sentinel vendor product.
* Completed work on security badge reports for St Lucie and Turkey Point sites. Crystal 11
* Completed report for class schedules by class id. Crystal 9
* Completed pl/sql batch interface from Portacount Respirator Fits database to Sentinel.
* Completed pl/sql batch interface for PADS database upload from Sentinel
* Completed Health Physics reports for Sentinel Migration to Production.
* Completed ETL processes from the main frame to oracle for the sentinel release

**3/05 – 9/05 MasterCard International For Blue Cross Blue Shield of Rhode Island**, Providence, RI

**Role: Oracle 9i PL/SQL Developer / Junior Architect / Jr. DBA tasks**

* Analyze, design, and implement multiple stored programs, table designs, and advisory help with PEGA Release Project for Blue Cross Blue Shield of Rhode Island. The Pega project is the upgrade BC/BS created to update their entire health care and claims systems.
* Completed stored packages, procedures, and functions for Health Care Membership.
* Completed stored packages, procedures, and functions for a 3rd party database conversion from files to production data for MACESS as well as procedures to access summary and detail data.
* Completed analysis of data dictionary for Grievance and Appeals Unit (GAU), script to convert old GAU database to new data dictionary, and stored package and procedures to convert and use new data dictionary fields and tables.

**9/04 – 1/05 First Notice Systems**, Boston, MA

* Consultant performed building of client related web pages within the client’s application software as well as unit testing.
* Note: This was a filler contract to keep income flowing and shown here for continuity.

**11/02 – 9/04 Lifecycle Business Partners**, Salem, NH

**Role: Financial Reporting and Reporting Programs Consultant**

* Developed, coded and implemented in Visual Basic 6 & Dot Net, MS Access 2000, Excel 2000, and VBA (VB6) Lease Disposition Applications, Crystal Reporting Systems, Received Weight, and Daily Received Goods along with the administration of several ERP databases in Sql Server 2000; created several tables, queries, stored procedures, triggers, forms and reports.
* Developed Crystal 8 and MS Access 2000 reporting solutions to bypass inefficient BEST ERP to provide quick financial, inventory, inventory transactions, yearly, quarterly, and monthly sales reports.
* Developed Received Weight Application to identify costs associated with weight and freight.
* Developed Daily Received Goods application to identify the types of goods received on the loading docks to pre-estimate sale probability.
* Developed Raytheon Lease Disposition application to process client returns on leasing contracts and track their progress from entry to resale. Conversions of Excel 2000 tracking system for leases to VB/SQL allowed for ease of use and training as well as reporting in Crystal and Excel 2000.
* Developed more than forty SQL Server Agent jobs to maintain and backup the databases of company ERP.
* Developed open dialog with CEO to identify the necessity of written business systems and policies and procedures as an asset toward growing the business within an overall business plan. Growth, safety, and processes within the business can be described with ease when speaking with potential clients and investors.

**12/2003  Syskoplan Consulting**, Woburn, MA

**Role: Crystal Report 9 Consultant**

* Using my skills as a SQL Server 2000 programmer/administrator and Crystal Reports 9 programmer to perform conversions of close to thirty asp.net web reports to Crystal 9.

**7/02 – 11/02 Digital Presence New England**, Nashua, NH

**Role: Project Manager and Principal Database Designer**

* Developed an MS Access 2000 database to track individual media, tags, tracking codes and misc. information.
* Developed and administered all information systems for web archiving services.
* Formed alliances with several strategic partners to improve traffic through the increases of bandwidth on the T1 at the web site and our customers’ sites, connect internal IP addresses to their public ones, set name servers, redirect domain names, setup email, manage IIS and Server 2000 for services like FTP and Telnet.
* Developed, at launch, a significant market presence which led to a top 7% ranking in the world

**Contracts below were performed under Rockwall Software:**

**12/01 – 7/02 Rockwall Software**, Manchester, NH

**Role: Information Systems Consultant**

* Consultant oversaw the 24/7 DBA responsibilities of all Oracle 8i, 9i, and MS Access databases.
* Developed 100’s of stored procedures, tables, triggers, jobs, sql statements in PL/SQL for the Admin and programming of various databases.

**1/02 – 3/02 Abbott Labs/Medisense Products**, Bedford, MA

**Role: Project application coordinator**

 Developed customer insurance tracking software with Visual Basic and Oracle 9 to find an insurance or welfare solution for the purchase of their diabetic insulin-tracking devices.

 Lead a small team’s development and managed another consultant through a process that saved close to $10,000.00 since its completion was three weeks ahead of schedule.

 Developed technical and CSR documentation for the CSR personnel to use the finished application.

**1/01 – 11/01 Au Bon Pain**, Boston, MA

**Role: Principal IT Consultant - Catering**

 Coordinated all related IT and IS processes and procedures for the Catering Department and later developments for the Help Desk; Oracle 6.5, Visual Basic, MS Access 2000, and Crystal 8 were used.

 Provided services for the Catering and Help Desk Departments with responsibility over technical and software assets 24/7.

 Developed admin procedures and improved code performance to reduce down time from daily to bi-monthly.

 Developed a problem tracking software for the Help Desk department to allow better variations of information tracking and reporting.

 Developed technical manuals with policies and procedures for emergencies relating to software and database breakdowns along with manuals for the software that was improved or created.

 Redesigned the Zephyr Catering application to minimize errors, breakdowns, and increase speed.

**8/00 – 12/00 Argenesis Corporation**, Boston, MA

**Role: Database programmer and SQL script editor**

 Developed SQL code to improve the performance and remove bugs from dozens of scripts in the Landmark 2000 program.

**5/00 – 6/00 American Tower Corporation**, Boston, MA

**Role: MS Access 2000 & MS SQL Server 2000 Consultant**

 Developed a set of four wizards for the Acc-Pac accounting system that would generate the general accounting totals for job costing of tower builds throughout the world.

**2/99 – 8/99 UMASS Medical/Commonwealth Medicine**, Shrewsbury, MA

**Role: Technical Coordinator of the Disability Emergency Services application**

 Redesigned and developed the Disability Emergency Services claims and physician application so the number of users could be increased to fifty and so daily problems could be reduced to bi-weekly and then monthly. The application and database were developed in MS Access.

 Developed a security system in MS Access to protect the system from fraud.

 Wrote user and technical manuals for in house CSR’s and Help Desk personnel.

**Previous Contracts Pre-1999:**

 FundStation financial reporting with SQL server and Access

 Creator: Statewide Guaranty Assessment Program for Mass Mutual - access, visual basic, crystal

 Online Overtime and Attendance Program for John Hancock Advisory Group

 Forensic analysis and reconstruction of financial reporting program using visual basic and crystal reporting program for the Merrin Trading system used by Boston Partners Mutual Funds Group

 (1998) Database analysis of the co-op payments access program for Ocean Spray Cranberries. (Access and SQL)

 (1997) Recreation of the Serialization 7 program to aid the shop floor program in the shipping department for MKS Instruments. (VB, Access, DB2, SQL, Crystal)

 (1997) Financial and Risk Management reporting for Liberty Mutual in Portsmouth, NH (ANSI SQL, SQL, Crystal Reports)

**Additional Writing Credits:**

 1991-1995 Wrote business system’s manuals for Venture Environmental Corporation’s janitorial and maintenance staff.

 1998 Wrote Y2k remediation manual and remediation manual for the O.A.T.S. Program for principal consultants at John Hancock Advisory Group.

 1998 Wrote technical report to explain a fifty-four-query macro and how it worked to determine profit splits with cooperative farmers at Ocean Spray Cranberries.

 1997 Provided SQL code descriptions for non-technical personnel on over 300 SQL queries at Liberty Mutual.

 2000 Wrote functional specification to manage the maintenance of contracts and rate schedules at Boston Gas

**EDUCATION:**

 **Learning Tree International**

* Agile Project Management with Scrum

**Oracle University**

 Advanced PL/SQL Course I & II (9i & 10g)

 Data Warehousing (8 & 9i)

 Enterprise DBA Part 1: Administration for Oracle 8 & 8i

 Introduction to Oracle for Experienced SQL Users PL/SQL and SQL course

 Visual Basic 4,5,6 courses through WROX and CompUSA

 Introduction to data warehousing and data warehousing concepts

**Southern NH University**

 Economics and Finance

 CIS

**Boone & Young Consulting and Training**

 U.S. government contracting and project admin.