#### **SUMMARY OF QUALIFICATIONS**

Technology professional with exceptional interpersonal, technical, and project management skills and a background in the following broad-based competencies:

**ETL DEVELOPMENT DATABASE DEVELOPMENT DATA INTEGRATION**

**SOLUTION ARCHITECT DATA ENGINEER** **DATA WAREHOUSING**

* Ability to quickly learn and evaluate needs for a project.
* Demonstrated the ability to deliver successfully on assigned projects.
* Proven ability to cultivate client relationships with key decision makers.
* Excellent qualifications in business process development with comprehensive knowledge of insurance, healthcare and financial industries.

**PROFESSIONAL EXPERIENCE**

**Brooksource/Humana 11/22- present**

*Senior Healthcare Data Engineer (Contract)*

In this position, my daily responsibilities included a wide range of tasks. They included development, testing and maintenance of ETL data load and transformation of datasets from operational datastore to data warehouse. These activities were completed by writing stored procedures, creation of tables and views. Also, as part of the development process I developed and deployed SSIS packages and SSRS reports to SQL Server. Some of the types of datasets that I have been working with here and throughout my career include (claims, provider, member, eligibility, pharmacy, Medicaid, Medicare, loinc codes, cpt codes, snomed codes, CMS, CDA, FHIR, HL7 2.x and care management). All assigned work is performed in an agile environment using Azure Dev Ops. In addition to SQL Server development, I am tasked with support and monitoring of critical processes and job failures. As a Senior level developer, I have also been given the responsibility to provide architectural solutions and mentor junior level developers.

**Talent Navigation/Colorado Access 11/20-10/22**

*Healthcare Data Engineer (Contract)*

On this contract, I was responsible for several different activities. Working with vendor to implement HL7 interface engine to parse HL7 messages and load data to SQL Server. Once data was loaded into the database, I was tasked to conform the data into the data warehouse standards for reporting. Another one of my duties was to write SQL queries, stored procedures and SSIS packages to load various file types (csv, json, excel, xml, CMS, CDA, EDI, ICD10, X12, HL7 2.x, CPT). Due to my experience with HL7 and my experience in healthcare data domains (claims, Medicaid, members, providers, clinical, eligibility, payers), I was tasked to work with the vendor in creating extracts to be used in HL7 FHIR Interoperability project. All projects were managed with Jira, Azure Dev Ops and BitBucket as part of their CI/CD process. Used ERStudio to map data and create artifacts.

**Lyles & Associates 07/19-11/20**

*Independent Consultant*

Developed automated processes for clients to scrape data from the web using python scripts and feed into SQL Server. The data is then picked up by SSIS to scrub, qualify and organize data to be loaded into CRM. Created web sales and marketing funnels to automate follow up lists and schedule appointments for insurance agents using proprietary tools. I also created processes to pull data from the State website and use SSIS to update and format lists.

**Ascension Health Information Services 12/18-07/19**

*Big Data Team Lead/Engineer*

This role allowed me to use my years of experience in ETL to assist the team in creating efficiencies in our technology stack. I was responsible for working with the vendors to address any issues our developers were having within our various environments. Some of the tools we were using included (Streamsets, Cloudera, Trifacta, Spark, PySpark, Tableau, Flume, Kafka). As a Team Lead, I made sure the vendors recommendations and developer concerns were addressed and implemented as well as architected possible solutions for inefficiency issues. Some of the data sources include Epic, Cerner, eClinicalWorks and Allscripts data feeds.

**Ascension Health Information Services 03/13-12/18**

*Senior Business Intelligence Team Lead*

In this position my duties required me to develop ETL processes to using SSIS and Informatica PowerCenter (Developer and Administrator) to deliver solutions to aggregate datasets from HIE, export files and warehouse data for business use within the ACO. Often, I was able to use my other skills in Powershell, JavaScript, Angular and Python for integration and automation purposes. I am familiar with most healthcare datasets including (claims, diagnostic codes, discharge, physician data, labs, pharmacy, procedure codes. In addition to technical deliverables, I was responsible for the technical growth and development of seven full time employees and five independent contractors to make sure they were up to speed on our best practices and technology stack. Due to my skills as a developer and integrator, I was also tasked with developing an application named CRM Lite for our call center as well as processes to import various types of EDI files (HL7, X12, JSON).

**Xerox State Health Services, LLC 04/11-11/12**

*Senior Systems Development Specialist*

During my time with the company, I was part of a development team that was responsible for analyzing current business processes and developing solutions to increase productivity and reduce costs. My involvement required me to develop custom WPF applications for the call center using C# 4.0 and the .NET 4.0 framework. Depending on the client I would also have to create SQL Server databases and queries to use within the application. All of the development was done in Visual Studio 2010.

**TMHP/ACS/Chase Source 02/11-04/12**

*Reporting Systems Analyst/Database Developer (Contract)*

This position required me to deliver annual, quarterly and ad hoc reports for the Texas Medicaid Health Partnership – FREW unit. All reports were developed using SQL Server 2005, SSIS, TACL Scripting, Business Objects 6.5 and Excel VBA. During this time, I was also able to automate many of the manual ETL processes to improve data integrity and access to critical reporting data. In addition to my development duties, I was also responsible for supporting and troubleshooting the Filemaker server.

**Burnett Staffing/Sachem 10/10-10/10**

*Database Administrator (3 Day project)*

For this project I optimized the current SQL Server 2008 databases for security and performance best practices. On one database I setup the Report Server to work with Windows Authentication Groups for future SSRS 2008 reporting. The other database I migrated the database from SQL Server 2005 to 2008.

**Tyndale Systems Inc. 12/08-09/10**

*Independent Consultant*

This project required me to develop two marketing databases using SQL Server 2005/2008 and SSIS. I took my previous experience and began building a marketing data warehouse and automated process that produced emails, printed materials and sales call lists for a financial services company. The recruiting ETL process automatically downloaded the raw licensed agents’ records from the TDI website and added geocode data to the database. The staging database used stored procedures to normalize the data. The data was scrubbed of bad phone numbers, addresses and agents that have opted out of recruiting campaigns before data was moved to production. The client marketing database consisted of prospects gathered from multiple flat file sources and current clients. This database tracked where a client was in the marketing campaign, and updated client information as well.

**Engauge Marketing, LLC 02/08-12/08**

*Database Administrator*

In this position I was responsible for database maintenance, development and QA on five production SQL Server 2005 data warehouses. My daily tasks included developing ETL processes that decrypted raw data files, loaded raw data and processed the data for each client marketing database in each data warehouse used stored procedures and SSIS. I was also responsible for implementing the database architecture changes in the data warehouse that improved performance and load time. Each month I was responsible for building each data mart and preparing the cubes for client use. I automated many of the existing mart build processes. I also filled ad hoc requests from internal and external clients. Developed custom reports using SSRS. I also developed a VB.NET and C#.NET front-end applications to help internal users access and export data from the data mart.

**Tyndale Systems Inc. 03/07-11/07**

*Database Analyst/Administrator (Contract)*

On this contract my responsibilities included performance tuning SQL Server 2005 databases. Developed SSIS packages to import and clean legacy system data. Analyze stored procedures and give suggestions on how to improve performance. Developed custom reports using Crystal Reports and SSRS

**Tyndale Systems Inc. /Eurosoft 09/06-03/07**

*Database Integration Consultant (Contract)*

This contract was done for the Texas Department of Health Services ImmTrac Department. I was responsible for gathering requirements from internal and third-party clients to develop an ETL database solution load data from internal and third-party data sources; modify data in the data set; and reformat the data into a proprietary data format for use in their database.   This ETL solution and translation required me to write some stored procedures, triggers and custom C#.Net components in MS SQL Server 2005 SSIS. I also developed test plans, documentation and knowledge transfer procedures.  The SSRS was used to generate reports on various data integrity issues. All of the data used in this project was healthcare related; therefore my knowledge of HIPPA compliance and HL7 messaging was very helpful.

**Tyndale Systems Inc. 10/05-03/06**

*Senior Consultant/DBA (Contract)*

In this project I developed a HL7 messaging interface that processed medical records, lab reports and radiology report data for use in a proprietary client server application. Responsible for gathering client requirements, writing process documentation and test plans. I acted as a liaison between client and the development team. My duties included normalizing data, daily database administration, writing stored procedures, triggers, design, database optimization, providing ad hoc data requests and providing backup procedures. The project also required some Visual Basic 6 scripting. I also was required to keep the client up to date on any MySQL database enhancements or versions that might benefit the project.

**Duff and Phelps Investment Management Co. 08/02-01/05**

*Business Systems/Data Analyst*

Responsible for maintaining the SQL SERVER 2000 packages, maintenance routines, disaster recovery processes, stored procedures and database schemas. Developed VBA applications in MS Excel and MS Access to improve the business user’s productivity. Automate internal processes to improve efficiency. Troubleshoot problems Bloomberg Gateway and OASYS trading applications. Develop new applications using the Bloomberg API. Wrote custom Visual Basic 6 applications to that help portfolio managers make investment decisions on tax-exempt transactions. Develop reports using Cognos Impromptu and Crystal Reports. Document new and existing processes and applications. Provide user support on Longview, ePAM, and client reporting systems. Developed custom ACT! Client Relationship Management database for the marketing and sales team.

**Blue Horizon Network 06/01-2/05**

*Independent Technology Consultant*

Duties include installation and configuration of network hardware. Network troubleshooting and configuration. Repair, upgrade and replace computer hardware. Installed Windows 2000 operating systems (Advanced Server, Active directory) and approved software. Provide software and network training for clients’ on Windows 2000, Microsoft Office 2000, Act 2000, QuickBooks and other small business applications. Consult businesses on how to improve productivity for their business. Develop websites and web applications. Create Access and SQL Server database solutions to improve productivity. Develop training applications using Macromedia Dreamweaver and Authorware. Developed a client tracking and monitoring system in Visual Basic for Clarity of Minds, Inc. Wrote business plan, technology requirements and business workflow for Dolly Documents Records Management.

**Bond Technologies, Inc. 05/00-06/01**

*Senior**Consultant (Full-Time)*

Provided complete business solutions to clients using either their current technologies or introducing new solutions that would enhance the operation workflow. Communicated needs of the end users to the technical staff to implement solutions through a statement of work or functional specification. Developed detailed gap analysis documents what solution is needed. Estimated deliverable timelines, project responsibilities and logistics. Wrote proposals to secure new projects for with clients. Managed client relationships between clients and third-party vendors.

**Chicago Stock Exchange**

Created ad hoc brokerage trade execution reports for Chicago Stock Exchange using Oracle Developer 2000 and SQL Plus, and PL/SQL on UNIX/VAX platform. Tested programs using data validation scripts. Provided documentation on database tables, data dictionary and project process.

**In-House Projects**

Lead a team of four in developing in-house network architecture and manual. The environment consisted of a Sun Solaris box, a Windows 2000 Server running SQL Server 2000, a Windows 2000 Server with Lotus Notes Domino Server and Citrix 1.8. Also, another UNIX server running Oracle 7.3.

The Developed full life cycle loan tracking web based and client/server applications in ASP, HTML and Visual Basic for use proposed solution to clients. Created database designs for use with web applications using a SQL SERVER backend. Trained and managed three associate consultants in Bond Project Management Methodology, new technologies and sales strategies. Developed operations procedures for LAN/WAN operations and administration.

**Blue Cross Blue Shield Association 10/99-4/00**

*Independent Consultant (Contract)*

Served as liaison between departments to gather business requirements from end users to develop streamlined workflow processes for staff. Developed and maintained custom web applications for Intranet that helped centralize company policy and standard information for users. Developed project plans for development of web applications. Designed RDMS to work with ASP applications. Assisted department with hardware and software troubleshooting. Provided training for end users on various software and Internet applications.

**Andersen Consulting 05/99-10/99**

*Network**Consultant (Contract)*

Provided desktop support for 500-user environment, installed and repaired various hardware components. Loaded client workstations with Windows 95 operating system and Novell Netware client32 software, troubleshoot, configured, and repaired computers. Create images of machines using Symantec Ghost software. Installed workstations with Andersen approved software-using Winstall. Troubleshoot Windows 95 registry problems. Administered Lotus Notes accounts.

**CNA Insurance 01/99-05/99**

*Network Consultant (Contract)*

Traveled to nationwide CNA Insurance sites as part of a team to upgrade company infrastructure and user workstations. Configured wiring closets using Cisco Hubs, Switches and Bridges, converted location from Token-ring to Ethernet. Loaded workstations with CNA approved software; reset passwords on Novell NetWare server. Migrated email system from MS Mail to Outlook. Provided user support on hardware and software applications.

**Fuller Communications Ltd. 10/98-4/99**

*Database/Network Administrator (Part-time)*

Consulted the company on how to increase telemarketer production by creating a self-maintained database. Designed & maintained relational databases using Paradox, MS Access and Telescript on Windows 98 platform. Developed & maintained multi-table queries, forms & modules that provide record updates & deletions in Paradox, MS Access and Telescript. Provided documentation for database maintenance and updates, used PC Anywhere to provide remote data support for Iowa office. Provided hardware support for Ethernet cards, modems and memory in client workstations.

Administrated user accounts and access rights on Novell NetWare server.

**State Farm Insurance** **Company 1/98-8/98**

*Regional Communications Coordinator*

Managed projects for a 3-person team of Graphic Designers. Reviewed, approved, and sent all mass emails to all employees. Developed and maintained MS Access databases that tracked inventory, field communications and unit projects. Consulted departments on company Intranet regulations, content, design, and functionality. Provided system backup administration for department workstations using Retrospect software. Served as Department Communication Coordinator.

Developed web applications in ASP that accessed MS Access and stored e-mail traffic and subject. Developed and maintained Intranet pages for Illinois Regional Office using Adobe Pagemill, Macromedia Dreamweaver and HTML editor, wrote CGI Scripts to process form mail and messaging board applications. Conducted usability testing for GUI design and developed Lotus Notes forms. Trained, supported and employees on Windows NT/95 and MS Access.

**State Farm Insurance Company 8/96-1/98**

*PC Technician*

Created Novell 4.x, NT, and OS2 Warp network id's, administered Novell/NT/OS2 Warp file & folder rights. Performed hardware upgrades to client workstations. Provided software support for over 400 users. Trained, supported and trained co-workers on Windows NT/95, MS Access, MS Word, MS PowerPoint, Filemaker Pro, Adobe Photoshop 5.0 and Netscape applications, provided weekly backup administration for Lotus Notes domain and print servers.

**EDUCATION/TRAINING**

**Illinois State University Bloomberg University Texas Life Insurance**

B.S. Industrial Technology 1998 Gateway Administration Certificate 2003 Licensed/Health 2005

**Series 6/Series 63**

*Licensed 2003*

**SKILLS**

**Operating Systems/Protocols/Utilities:**   
Windows 10, Windows Server 2012, Arc Serve Backup, PC Anywhere, FTP, TCP/IP, IPX/SPX, LAN/WAN, DNS,, VPN, DHCP, EDI, X12, NSF, HL7, UNraid 6

**Databases/Servers:**   
SQL Server 2012/2016, SSIS, SSAS, SSRS, BIDS, MySQL, MongoDB, Filemaker Pro

**Applications/IDE:**Bloomberg Gateway, Bloomberg API, StreamSets, Informatica 9.5(PowerCenter/Admin), Sublime Text, Visual Studio Code, Microsoft Project, Sftp, Putty, Powershell,

**Program Languages:** ASP, C#, Typescript, XAML, VBA, CSS, YAML, VBScript, HTML, T-SQL, PL/SQL, JavaScript, and Visual Basic