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OBJECTIVE: A Lead BI position that will provide strong professional growth, create the opportunity for a BI Architect position, and to expand my skills in Data Warehouse design, Azure, IOT, and the Microsoft stack.

EDUCATION:
University of Pittsburgh August 2001
Bachelors of Science G.P.A. 3.1
Major: Computer Science **Minor:** Mathematics

COMPUTER SKILLS:
Programming Languages: C#, T-SQL
Database Management Systems: Microsoft SQL Server 2008 R2/2012
Database Reporting Software: SQL Server Reporting Services, Tableau, Excel Pivot Table, Power View
Development Software: Microsoft Visual Studio.NET 2012/2013, BIDS 2012/2013
ETL Software: SSIS 2012, TimeXtender (3rd Party ETL software)
Analytic Software: SSAS Tabular
Analytic Language: DAX

WORK EXPERIENCE:
Mariner Charlotte, NC
Data Analytics Architect 10/11 – Present

Summary:
Provide consulting for BI solutions using the Microsoft Business Intelligence stack. The main objective is to work with the business to design the best possible solutions from data warehouse design, etl, reports, cubes, pivot tables, and dashboards. Provide architectural consulting to define the sources of information, requirements, and produce a design that will give the best outcomes working with Microsoft Business Intelligence stack. Provided Training for PowerPivot and also workshops for self-service designs in SSAS Tabular.

Details:
- Assisted in a merger project for Duke Energy and Progress Energy. Analyzed existing Progress Energy Business Object universes and designed 10 SSAS tabular models from an Operational Data Store.
- Created Job Aids, Templates, and Videos to assist in the transition of using SSAS Tabular, Excel Pivot Tables, Power View, and SSRS Report Parts.
- Developed Training Workshops for SSAS tabular, Excel Pivot tables, Power View, and SSRS Report Parts. Went to all the Nuclear Sites for Duke and Progress Energy to present the Training Workshops.
- Developed an end to end data warehouse solution for Duke Energy using their custom ETL Framework and built the design using Kimball's Method with several facts and dimensions. Designed Type 1 and Type 11 slowly changing dimensions and had a few transactional facts and an Accumulative snapshot fact. Created SSAS Tabular Models off the data warehouse and built Pivot Table templates for the end users.
- Created documentation for the Tabular Models with a Custom Application that grabs the Meta data from the models. Created an ETL design to Log the SSAS Tabular Events to gather usage Statistics. Created a custom app that builds report parts based off views as a type of Self Service addition for end users.
- Worked with Valdese Weaver and lead a small team implementing an end to end solution using SQL Server 2012. Connected to SAP and used TimeXtender 2012 (3rd Party ETL Software) to extract and create the data warehouse model. Designed a Sales data mart using the SSAS tabular model and created a dashboard using Power View integrated into SharePoint 2013.
- Worked with Certus Bank to implement an end to end BI Solution using SQL Server 2012. Created the data warehouse framework using TimeXtender 2012 to connect to multiple data sources such as Sybase, Excel, and Sales Force. Utilized Master Data Services and Data Quality Services to ensure data quality and for the business to enable data steward control. Created documentation in a WIKI format on SharePoint showing information on the source systems, ETL, SSAS Model, deployment, and reports.
- Worked with Milliken training end users to use the SSAS multidimensional model with SSRS. Met with end users and help to create reports by using SSRS Report Builder integrated in SharePoint 2010.
- Provided PowerPivot Training based on PowerPivot Workshops by Marco Russo and Alberto Ferrari.

TEKsystems   Erie, PA
Erie Insurance Group   8/10 – 10/11
ETL Developer

Summary:
Provided architectural consulting and lead a small development team in the SSIS ETL design. Worked on
the adhoc and data warehouse conversions from DataStage to SSIS. Developed documentation and
produced proof of concepts for Audit Logging, Configuration, and Dimensional maintenance load
designs. Developed Advanced custom C# scripts, a data model for enhanced SSIS Logging, Runtime Metrics, and
Optimized the SSIS pipeline load.

Details:
- Responsible for converting the existing ETL architecture from Datastage to SSIS.
- The process involved converting extracts from various systems and then loading them into oracle and IBM DB2 tables. The Sources files were flat files and oracle tables from master data management which were transformed and loaded in the IBM DB2 IIW model.
- Designed Custom packages for zoned decimal issues from IBM mainframe files to an oracle destination. This was achieved by building C# script components to handle the number conversion.
- Designed a custom logging architecture by modifying the built-in SSIS logging model. We added several tables, stored procedures, functions, and views to create this environment. We added some custom scripts to the packages to accomplish this design.
- Designed a custom slowly changing dimension model that used script components to preprocess the data in SQL Server temp tables. We then built a meta-driven design to create SQL statements for bulk insert and update to the IBM DB2 warehouse target tables.
- Designed the connection methods with XML configurations, variables and parent package configurations.
- Created a custom package to modify other packages when large changes were needed such as adding variables, connection managers, or logging. This design was to manipulate SSIS packages and their properties with a C# script.

Networking Technologies   Erie, PA
Data Communications Consulting   3/06 – 8/10
Software Developer

Summary:
Provided software consulting for a government agency and lead a small development team in
the data migration and software design. Worked with the client and analyzed the existing software based
on the Housing and Urban Development (HUD) Standards. Worked with the end users to gather application and
report requirements, and redeveloped the existing architecture with Windows forms, C#, SQL Server 2005, and
Crystal Reports. Designed the Windows form application with a rich Microsoft outlook interface and created a
custom parameter driven reporting design with Crystal reports integrated.

Details:
- Provided support for 7 separate software modules for the Housing Authority of the City of Erie.
- Identified and resolved end-user issues related to Front-End Applications, resolved data inconsistencies, created new data structures, created new reports, and resolved reporting issues.
- Created Stored Procedures, Functions, and Views for new Reports and custom Parameter UI Forms.
- Migrated the existing application from an Access back-end to Microsoft SQL server 2005.
- Programming languages and development tools include VB6, T-SQL, C#, Visual Studio.NET 2008, SQL Server 2005, and Tortoise SVN. Created an ETL migration project using SQL Server Integration Services to migrate the old application and Red Gate's SQL tool belt Comparison Tools for updating test and live databases.
- Currently updating the existing application's front-ends with C# and used infragistics controls and components. Developed the data access layer using Code smith and .netTiers and utilize Tortoise SVN subversion tools for updates and changes between developers. Created Reports using SQL Server 2005 reporting Services and Crystal Reports 2008.
- Responsible for interactions with the client for support, development, and business requirements.

Community Resources for Independence   Erie, PA
Database Programmer   2/04 – 3/06
- Responsible for the accuracy, efficiency, security, maintenance, and development of the organizations database systems using Microsoft SQL Server 2000 and Microsoft Access.
- Provide technical expertise in the design and upgrade of existing Web and database applications.
- Development tools include Macromedia Dreamweaver and Microsoft Visual Studio.NET 2003.
- Programming languages include VB6, T-SQL, C#, ASP.NET, CSS, JavaScript, and HTML.
- Administer Database Input, integrity, and maintain procedures for data manipulation such as data format conversions and reporting to meet functional requirements.
- Identified and resolved user issues related to database system operations, implemented user security, and provided user training upon new and existing applications.
- Administered and implemented database replication across 7 remote offices.
- Ensure the existence of appropriate up-to-date documentation such as data flow diagrams and entity relationship diagrams to support development testing.
- Developed modules, subroutines, stored procedures, and classes to allow for less application redundancy and to improve application performance.

Erie Institute of Technology   Erie, PA
Computer Instructor/Program Director   9/02 – 2/04
- Computer instruction in the areas of Web design and Database Administration.
- Program Director duties included providing students with externships.
- Web instruction emphasized the Windows 2000 Server architecture, IIS, Macromedia Suite, Active Server Pages, HTML, CSS, XML, JavaScript, and Adobe Photoshop.
- Database instruction emphasized the Windows 2000 server architecture, Disaster Recovery, MS SQL Server 2000 architecture, IIS, T-SQL, Stored Procedures, and Database Security.