JESSICA DZUREK

PROFILE

Highly-motivated, skilled and dedicated analytics professional with diverse experience in providing enterprise business intelligence, data warehousing and data analytic solutions across industries such as Healthcare, Energy/Utilities, Law, Finance and e-Commerce. Currently seeking a challenging opportunity with an ambitious company.

RELATED EXPERIENCE

Pragmatic Works
Business Intelligence Consultant   **2/2017 - Present**
- Consulting engagements nationwide covering various components of the Microsoft BI Stack (SSIS, Power BI, SSAS)
- Instruct multi-day onsite client Power BI workshop reviewing development concepts and delivering POC solution.
- Lead testing for consulting engagement by developing test strategy and patterns utilizing Pragmatic Works LegiTest.

MedExpress
Senior Business Intelligence Developer   **10/2016 – 2/2017**
- Aided in the implementation of an Agile BI/DW methodology through collaborative project planning activities.
- Led cross-functional team working sessions to translate business requirements into business intelligence solutions.
- Mentored junior team members on business intelligence/data warehouse concepts and methodologies.
- Spearheaded an ETL Framework strategy to standardize SSIS packages utilizing best practices
- Created functional/technical documentation (Target mapping, Functional Business Requirements Document (FRD), etc.)
- Architected a dimensional model to integration multiple source systems: Athena, DocuTap, Salesforce and SharePoint.
- Implement advanced SSIS ELT processes (Lag/Duration Facts, Periodic & Accumulating Snapshot Facts).
- Participated in the selection, evaluation and interviewing process for all business intelligences openings.

Duquesne Light Company
Microsoft Business Intelligence Contractor   *OpenArc*   **3/2016 – 10/2016**
- Implemented an Executive Time Management Power BI Dashboard and reporting package sourced from custom Time & Attendance system to provide insight for project financial and resource management strategic initiatives.
- Managed Enterprise Date Warehouse (EDW) Testing strategy, design and documentation.
- Collaborated in EDW Project Planning tasks to prioritize project tasks and provide project timelines.
- Maintained functional and technical BI/EDW documentation.
- Implemented ETL Framework with logging, configuring and dimensional modeling patterns to aid in rapid development.
- Organized and conducted Business User BI Training (Data Model overviews and Visualization Tool Training).
- Lead the design of various data models in SSAS and Power BI.
- Engineered SSIS ELT advanced structures (Slowly Changing Dimensions, Timespan Aggregating Facts, etc.) sourced from Oracle Utilities Suite: Customer Care & Billing, Meter Data Management, Mobile Workforce Management and Work & Asset Management.
- Assisted with the installation and configuration of the Microsoft BI Stack (2014-16) and 3rd party tool infrastructure.
- Took part in interviewing and candidate selection activities.

UPMC
Lead Data Analyst   *Prodigo Solutions*   **9/2014 – 1/2016**
- Orchestrated and planned all phases of data warehouse development lifecycle.
- Worked with business users to create strategic dashboards and reports using SSRS to meet business requirements.
- Designed and implemented Spend & Contract Compliance BI solution utilizing the Microsoft BI Stack (2014).
- Led the analysis to identify and report areas of cost-savings opportunities for a given customer.
- Participated in interviewing and candidate selection activities.
- Developed SSIS ETL packages to source ERP system data: Lawson, PeopleSoft and Meditech.
- Executed complex ad-hoc SQL queries when immediate data access was required.

Data Warehouse Data Modeler   *Via Oncology*   **1/2013 – 9/2014**
- Assisted in task organization and project roadmap development for the expansion of the existing data warehouse.
- Developed custom automated SSIS package build and deployment system using Maven, PowerShell, SSIS API and TFS.
- Utilized the Microsoft BI Stack (2008 R2) to develop and maintain SSIS ETL and SSRS reporting solutions.
- Synchronized data models, dictionaries and other database documentation across customer environments.

EDUCATION

Master of Science,
Health Informatics
Northeastern University

Bachelor of Science,
Computer Science
University of Pittsburgh

Intermediate Certificate,
Oracle 9i
A.W. Beattie Career Center

CORE SKILLS

Agile Project Management
Requirements Gathering
Dimensional Design
Data Quality/Testing
Complex/Ad-Hoc SQL
Performance Tuning

DATABASE SYSTEMS

SQL Server (2008R2-2014)
Azure SQL Data Warehouse
Oracle (12c, 11g, 9i)
MySQL 5.3
SQLite

BI TOOLS

Integration Services (SSIS)
Power BI
Reporting Services (SSRS)
Analysis Services (SSAS)
Cognos Report Studio
Cognos Transformer
Crystal Reports
Talend Studio

PROGRAMMING

T-SQL
PL/SQL
DAX
C#
VB.NET
R
Python
Java
JavaScript

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West Penn Allegheny Health Systems
Associated Data Warehouse Developer   10/2011 – 1/2013
- Worked with business stakeholders to design analytic data structures to meet operational and tactical business needs.
- Implemented Talend Studio ETL processes to support physician billing and hospital finance data marts.
- Developed and maintained various Cognos 10.1 OLAP cubes containing business critical KPIs representing aggregations in several ways – hierarchically and custom groupings.

Business Intelligence Contractor   *Synergy Staffing*   8/2011 – 10/2011
- Implemented several mission-critical enterprise-wide tactical and operational reports and dashboards based on the IBM Cognos 10.1 suite.
- Led business user and analyst training sessions for core reporting packages, as well as the Cognos 10.1 reporting toolset.
- Collaborated with developers, DBAs and other personnel to gather and interpret analytic requirements to design BI solutions.

OTHER EXPERIENCE

Technosystems Service Corporation
.NET Software Developer   11/2010 – 8/2011
- Implemented operational & tactical analytics using SSRS and Crystal Reports to improve customer retention and marketing initiatives.
- Developed VB.NET Data access and supporting MS SQL objects to interface with 3-Tier architecture ecommerce website.
- Migrated legacy ASP to VB.NET/ASP.NET e-commerce website.

Fiver Star Development
Contract .NET Web Developer   *JH Technical Services*   8/2010 – 11/2010
- Worked closely with a team of developers and project managers to develop a variety of SQL Server database & XML database driven C#/ASP.NET web applications for a corporate contracted client.
- Implemented data access functionality through the use of .NET Web Services, XQuery/LINQ, and Ajax custom controls.

University of Pittsburgh
Moyé Research Fellow   *Department of Computer Science*   5/2010 – 8/2010
- Developed a C# application illustrating the usage of Dijkstra's shortest path algorithm to find the shortest path travelled along an allocated pathway to enable a structure-based visualization of the Myosin Protein.

CedarStore.com
.NET Web Developer (Part-Time)   2/2009 – 6/2010
- Designed and implemented an in-house web-based operational & web analytic decision support system using Microsoft C#/ASP.NET and SQL Server 2008.
- Developed various web-based content management pages for data-driven ecommerce website.
- Conducted instructional sessions on reporting and content page usage for all staff.

United Steelworkers of America
Information Systems Intern (Part-Time)   1/2007 – 2/2009
- Focused on expanding knowledge in the field of information technology through various team and independent data processing projects.
- Participated in projects focused on data process improvement and automation through VB.NET/ASP.NET web applications and VBScript back-end script development and implementation.