

SENIOR ANALYTICS CONSULTANT

Summary

Business analytics professional with over 4 years of experience creating and designing data driven business analytics solutions. Specialty is multidimensional analysis first and foremost with extensive experience in ETL, report design, dashboarding, and Data Warehousing. Experienced with IBM Cognos, Pentaho, and Microsoft tools. Created solutions for a wide number of fields, such as Finance, Insurance, Information Technology, Accounting, Sales, Energy Consumption, and Student Performance. Primarily worked with midsize businesses, but have created solutions for Fortune 500 companies such as Cisco Systems. Regularly created documentation and trained clients so that they could utilize their solutions to the utmost. Strives to make systems that are faster and easier to use than previously existing systems radically increasing the effectiveness of the decision making process.

Technical Skills:

Architecture & Management	ETL Design, Multidimensional Modeling, Requirements Gathering, Data Warehousing, Star Schemas, Cloud Migration, Application Database Design, Data Management & Modeling, Project Management, SDLC, Agile and SCRUM methodology, Problem & Change Management, Scorecards, KPIs
Database:	Oracle 11g (PL/SQL), MySQL, PostgreSQL, MS SQL Server 2008/2012, MS Analysis Services, IBM TM1, OLAP/ROLAP
Languages:	SQL, MDX, VHDL, M68HC11 Assembly, Java, JSP, Flex (MXML and Actionscript), C++, X86 Assembly, C, javascript, HTML, GWBasic, Prolog, Lisp, Python, PHP, UML, XML, C#
Analytics & ETL Software:	<ul style="list-style-type: none"> ● IBM Cognos: Report Studio, Framework Manager, Cognos Connections, Insight, Dynamic Cubes, Cognos Administration, TM1 ● Pentaho: Data Integration (KETTLE), Report Designer, Mondrian OLAP, Analyzer, Dashboard Designer, C**Tools ● Microsoft: SSMS, SSIS SSAS, SSRS, BIDS Other Software: Quartus II, NetBeans, Eclipse, Flex Builder, Joomla!, Wordpress, Protocols, Finale, Google Docs, MS Word, MS Excel, Open Office, Salesforce.com, Apache Tomcat
Certifications & Training	Cognos Report Studio certification, Cognos Framework Manager training, Pentaho BI Suite bootcamp, Pentaho C**Tools workshop

Professional Experience:

Datamensional, LLC – Raleigh, North Carolina
Senior Consultant / Partner

June 2010 - Present

Cognos Specific Work

- Developed Cognos Insight reports for instant visualization.
- Evaluated client implementations of Cognos Enterprise for improvements.
- Made architectural and design improvements for biopharma and insurance companies.
- Created Sales visualizations using Cognos Workspace Advanced, Cognos Insight, and Cognos Report Studio.
- Can configure and install Cognos BI, Cognos TM1, and Cognos Express on Windows and RedHat Linux.
- Can set up environments and create Data Models in Framework Manager, TM1, Cognos Insight, and Dynamic Cubes.

Data Modeling, OLAP and Multidimensional Design

- Set up Microsoft OLAP XMLA Server as a SOAP Service and attached Java-based crosstab visualizer
- Designed Data Warehouses based on client business requirements.
- Generated Reports and Dashboards based on client business requirements
- Modeled application data into multiple star schemas using conformed dimensions.
- Constructed aggregate tables to speed up report processing time.
- Produced OLAP models with MDX-based Calculated Members.

Data Integration / ETL Work

- Generated automated ETL processes to populate Data Warehouses.
- Developed ETL to automate extensive data cleansing
- Designed ETL to parse combined plaintext and XML encoded files
- Built custom ETL to process raw client data into aggregated Key Performance Indicators
- Wrote detailed documentation for a large number of setup, config, and administrative tasks.
- Trained client employees on the use of ETL & analytics software.

Embedding Analytic Servers into Applications, Installations, and Configurations

- Integrated reports and dashboards into web-based application interfaces.
- Created a custom Single Sign On for Pentaho using Java.
- Used Central Authentication Service (CAS) and LDAP to Develop a Pentaho Single Sign On Solution
- Customized the appearance of the Pentaho User Console.
- Set up a MySQL server for use with Quartz and Hibernate Databases
- Configured Pentaho to use https protocols for all component.
- Installed and configured Microsoft SQL Server 2008 R2 on Amazon EC2 server.

Salesforce.com / Stream Int'l - Watertown, NY**March 2008 - August 2008****Technical Support**

- Certified in Salesforce.com Customer Relationship Management software.
- Handled international customer inquiries and complaints regarding software utilization.
- Solved customer issues promptly.

Education:**SUNY Oswego - Oswego, New York**

- B.S. Computer Science and Music 2010
 - Computer Science concentration: Embedded Systems Design