**Teri Madsen**

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**SYSTEMS ANALYST**

8 years of experience as a Systems Analyst with focus in business applications and systems. In-depth understanding of project lifecycle, including all phases of system and software development. Experienced in designing / re-engineering and programming business processes, workflows and technology solutions. Proven track record in testing and quality assurance. Ability to lead seamless implementations and deliver solutions improving revenues, margins and workplace productivity. Strong background in project leadership working with users and business analysts to identify and define requirements and implementation timelines.

**EDUCATION**

Masters of Business Administration – Management of Information Technology, 2008

University of Connecticut, Stamford

Bachelor of Science in Business Administration - Marketing

Bryant University, Smithfield, RI

**AREAS OF EXPERTISE**

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| --- | --- |
| * Data Flow & Process Flow Mapping | * Database Design & Management |
| * Project Leadership | * Major Software / System Integrations |
| * SQL Queries / Data Modeling | * Testing / Scripting / Documentation |
| * Data / Business / Systems Analysis * EDI / EDIINT | * E-Commerce * SAP (Idocs) Integration |

**PROFESSIONAL EXPERIENCE**

### Covidien (formerly Tyco Healthcare), North Haven, CT 1995 – April 2011

(A 10 billion dollar global medical devices manufacturer)

**Systems Analyst IV 2007 – 2011**

* Created design documentation and assisted in the development of processes to extract business objects from SAP using LINUX and Oracle to transform the business objects into XML.
* Successfully architected and developed a product catalog to provide product information to external customers, such as the Global Healthcare Exchange, utilizing LINUX, Oracle and the Axway gateway.
* Created integration strategy for the transition to a new ERP system. Provided information on current EDI processes to the core team.
* Directly responsible for the design and development of a process to implement electronic invoices for customers that order through the Global Healthcare Exchange. Changes were required to the existing electronic invoice business application. Further development occurred in BizTalk allowing us to convert from various ERP formats to a single canonical document using XML, allowing us to rapidly integrate new locations as they are brought online.
* Facilitated training and knowledge share of a shared support model of the Axway environment across the entire organization.
* Implemented new export trade documentation software, Precision. This new process replaced an existing process previously developed in webMethods. Using webMethods, the company’s canonical formats were mapped into those formats required by the Precision software.
* Received an Employee Choice Award from the business for my willingness to work extra hours during the week and weekends to make sure that products, customers and commercial invoices made it into Precision.
* Selected as project manager for the implementation of a new E-Commerce gateway using the Axway Interchange suite of products. This new gateway provided the organization with a robust and stable environment on which to continue building its E-Business presence. This project was completed on time and within budget.

**Systems Analyst III** **2002 - 2006**

* Assisted in the data conversion from SAP to BPCS for the Bill of Materials for the manufacturing facilities. This included designing and coding the process using webMethods.
* Project Lead and developer for implementation of export trade documentation software, TradeSphere. Obtained requirements, specifications and created a project plan. Oracle and webMethods were used to map data from SAP Idocs to the TradeSphere canonical formats.
* Assisted in the design, code and implementation of a business process, using webMethods, to take purchase orders directly into company’s ERP system, bypassing several business application layers diminishing processing time by up to 2 hours.

**Senior Programmer Analyst 1999 - 2001**

* Designed, coded and implemented a process, using webMethods, to transform xCBL Order and OrderResponse transactions into the company’s internal canonical format.
* Collaborated with company’s divisions to create canonical XML documents for several business transactions.
* Developed web-based reports using XSQL.
* Successfully architected and developed an audit system that processed EDI 997 functional acknowledgements and matched them against EDI 810 transactions. The audit system ensured that the customer received the invoices and that the company would receive payment. Error messages were generated if acknowledgments were not received in a timely manner which prompted credit and collections to call the customer. The system was developed in UNIX and Oracle.
* Managed and supervised subordinates, on several large projects, defining goals and daily workload.
* Trained new employees and consultants on our ecommerce and how it is used within the company.

**Programmer Analyst 1998**

1. Coordinated the setup and implementation of EDI between the company and its customers.
2. Designed and implemented migration from mainframe translator to a multi-platform translator, Mercator.
3. Supervised consultant who participated in daily support of EDI applications.
4. Managed trading partner implementations between the company and its customers. Interfaced with customers via the phone and email to provide support and ensure the continuous flow of data.

**Programmer 1995 - 1997**

* Assisted in the design and coding of numerous large projects in the Oracle environment including: Continuous Replenishment Process, Price Delivery, and the Advance Ship Notice.

**TECHNICAL SUMMARY**

**TOOLS:** webMethods, Mercator, BizTalk, SQL Server Management Studio, PLSQL Developer, UltraEdit-32, XMLSPY, Axway Interchange, BizTalk, MS Office Suite (Project, Visio, Excel, Word, PowerPoint)

**LANGUAGES:** UNIX shell scripting, LINUX (Red Hat) shell scripting, SQL, PLSQL, XML, xCBL, HTML, XSQL