

SUMMARY

Over 25 years of experience in IT including Business Analysis, Systems Analysis, Project Management, System Testing, Data Analysis/Modeling/Design, Object Oriented (PowerBuilder) Development, and Application Package Implementations / Integrations.

SUMMARY OF SKILLS AND EXPERIENCE

- **Systems Integration, Implementation Planning / Execution, and Data Conversion / Migration Management for Financial (SimCorp IT/2) (1 year), and Telco Billing (SAP RM-CA) systems (Over 5 years)**
- **Object Oriented / UML based Systems Analysis and Design (Over 6 years)**
- **Database Design, Modeling, and Analysis (Over 4 years)**
- **Design & Development experience in Telco Billing, Financial Accounting & Management**
- **Web Design for Arts Organizations, performing artists, and small business**

TECHNOLOGY OVERVIEW

Languages	Years of Experience
PowerBuilder (v5 – v8)	6.0
NATURAL / ADABAS	8.0
COBOL	4.0
SQL / T-SQL	5.0
MS VBA (Visual Basic for Applications)	2.0

Web Development	Years of Experience
D/HTML	5.0
CSS	3.0
SWiSH Animation	0.5
XARA (Vector) Graphic Design	3.0

Web Servers / Protocols	Years of Experience
TCP / IP	1.0
CPanel WHM (Web Host Management)	2.0

Development Modeling Tools	Years of Experience
Enterprise Architect (EA & UML)	0.5
Riverton How Object Modeller (UML)	3.0
Rational Rose Modeller (UML)	2.0
ERWin (Entity Relationship Modeller)	3.0
MS Visio	5.0

Databases	Years of Experience
Sybase 11 / EA Server	1.0
MS Access	5.0
SQL Server 2K	0.5
MySQL	1.0

WORK HISTORY

MTS ALLSTREAM
Test Environment Coordinator, Test Coordinator

Apr 2009 to Oct 2009

Responsibilities

- Test Environment Coordinator
- Test Coordinator (liaison between Test Manager and Project Team)

Accomplishments

- Coordinated cross project / shared use of integrated testing environment for SAP RMCA project (environment consists of SAP RMCA, SIEBEL, ISP billing system, Wireline billing system, Wireless billing system).
- Coordinated databases refreshes of the systems within the integrated testing environment.
- Planned the testing schedule (test script execution and process execution) with the project team and QA team. I.e. ensure the correct placement of data preparation scripts prior to system processing milestones and the placement of testing validation scripts after system processing milestones.

Technical Environment

- MS Project, Excel, SAP RMCA / CRM, TOAD (Tool for Oracle Application Developers)

iCGROUP
Business Analyst, Developer

Dec 2008 to Apr 2009

Responsibilities

- Business Process Modeling, Use Case Modeling, and Web form prototyping using Enterprise Architect with Screen Architect © add-in.
- PerfectForms® Development

Accomplishments

- Working with iCGroup's Fortune 500 financial client, I documented the business requirements for the design and development of a B2B 'Merchant Marketing System' whereby the client's business customers could specify and submit the details for marketing campaigns.
- After modeling the business requirements using Sparx Systems, Enterprise Architect (with the Screen Architect add-in) I then proceeded to code the web forms using PerfectForms.

Technical Environment

- Enterprise Architect, PerfectForms, Microsoft SQL Server 2005

MTS ALLSTREAM
Project Manager, Master Data Migration Analyst, PowerBuilder Developer

Aug 2004 to Oct 2008

Responsibilities

- Data Analysis and Master Data Migration Analyst
- Project Manager of Customer Migration Project – Change Request Management
- Test Manager of Automated Temporary Disconnect and Report a Payment Projects
- Cutover to Go-Live Management of SAP RM-CA Billing Platform
- PowerBuilder Development

Accomplishments

- Conducted a Data Analysis of consumer billing accounts that are targeted for future migrations to the SAP RM-CA billing platform utilizing SQL queries written within a MS-Access database, helping to identify and quantify 28 different customer convergent billing scenarios / permutations (between MTS Allstream's Landline, Internet, and Wireless lines of business).
- Planned and managed the cutover of Virtuoso (Consumer Wireless) Billing accounts into the SAP RM-CA Billing Platform.
- Managed the delivery of 22 Change Requests that arose from the MTS Billing Stage 2 project.

- Developed and then managed the cutover to go-live work plan for the MTS Billing Stage 2 project (implementation of the SAP RM-CA module at MTS).
- Assisted in the design of the integration between the SAP RM-CA and the SIEBEL CRM applications (chiefly with regard to cross platform data modeling and mapping).
- Responsible for the planning and execution of eleven post go-live customer data migrations to the SAP RM-CA Convergent Invoicing platform.
- Performed the duties of Test Manager for two SAP RM-CA initiatives: Report a Payment and Automated Temporary Disconnect. Major duties included the coordination of the testing environment, development of the Test Strategy and Test Cases for each project.
- Developed and unit tested changes made to the TLC application in PowerBuilder and CICS COBOL.

Technical Environment

- SAP RM-CA, MS-Project, MS-Access, MS-Excel, Windows XP, IBM Mainframe, PowerBuilder 6.5 in a multi-tier environment making CICS calls to an IBM DB/2 database, UNIX, TOAD, Oracle 9.x,

GWL ASSURANCE COMPANY Data Analyst, Systems Analyst

Dec 2003 to June 2004

Responsibilities

- Data Analyst – mapping of data from legacy to new system
- Systems Analyst

Accomplishments

- Responsible for the creation of Functional Specifications document for the Claims History Database.
 - Identified key business update events and processes.
 - Produced supporting documentation, such as State Transition Diagram.
- Supported the testing function, through the definition and creation of Test Specifications for the Claims History database.
- Defined Test Conditions for the Claims History package. Utilized Rational Test Manager to facilitate and plan various aspects of testing effort (creation of Test Plans and Test Cases).
- Performed various data analysis functions which included the use of ASG-Manager's Data Dictionary. Also developed several MS-Excel VBA macros that exploited the exposed VB interface to TCP3270 to automatically download and format Data Dictionary metadata that was held in TSO datasets into Excel workbooks. These workbooks were fundamental in the data model review sessions.

Technical Environment

- IBM Mainframe TSO, Rational Test Manager, MS-Excel VBA, ASG-Manager Data Dictionary (Mainframe)

AGRICORE UNITED Business Process Analyst, Project Manager

Dec 2002 to Dec 2003

Responsibilities:

- Analyze existing Treasury / Cash Flow Management Functions / Evaluate System Replacement Options
- Manage implementation and integration of SimCorp IT/2 Treasury Management Software

Accomplishments:

- Modeled the workflows of the Treasury Department, including its interaction with the Financial Markets department (Foreign Exchange desks) and the Marketing Transportation and Livestock (MTL) division. Created a model of those workflows (Activity Diagrams and Use Cases) for the entire department using Rational Rose.
- Analyzed existing manual and automated workflows to determine where greater efficiencies could be made; this included some analysis of the existing Treasury Management System. As this system was limited to managing one small part of the overall Treasury and Financial Markets functionality (namely FX Deal capture) I then determined that it would be worthwhile to examine competitive Treasury Management Systems, that could automate more functional areas of the Treasury Department.
- Wrote the RFI and RFP to determine what Treasury Management Systems would be suited to the very specialized (Agribusiness) processes. I then facilitated the prospective Treasury Management System demonstration and evaluation processes.
- Following the selection of the winning TMS vendor (SimCorp IT/2), I was then retained to manage the implementation and integration of the new system:
 - Determined the internal (AU custom systems) and external (bank) integration requirements.

- Worked as the technical and business liaison between the selected vendors (SimCorp) and Agricore United.
- Designed and coded (Excel-VBA) an intra-day position spreadsheet for use by the FX Traders. The spreadsheet utilized an ODBC connection to the IT/2 database (SQL Server) as well as references to the open Reuters workbook (RIC codes) to calculate intra-day FX positions.

Technical Environment

- Rational Rose Modeler, SimCorp IT/2, Excel-VBA, MS-Project

**HSBC (HONG KONG SHANGHAI BANKING CORP)
Systems Analyst / PowerBuilder Developer**

June 2000 to Sept 2002

Responsibilities

- Systems Analysis
- Technical Lead for Riverton HOW Software
- PowerBuilder Programming

Accomplishments

- Responsible for bringing the development team up to speed with Riverton HOW, and the UML methodology.
- When the project (HIMFOS – HSBC Investment Management Front Office System) moved into the build phase, I was called on to build (PowerBuilder 7) one of the major modules for the application – The Market Orders Cancellations and Amendments Module.
- Designed and programmed PowerBuilder visual objects, and custom class user objects (NVOs). Wrote and modified Sybase Stored Procedures.

Technical Environment

- PowerBuilder v7 / v8, Riverton HOW (UML based object modeler), T-SQL, Sybase 11 / Sybase EA Server, Rational ClearCase

**UNITED GRAIN GROWERS
Systems Analyst / Systems Architect**

July 1997 to June 2000

Responsibilities

- Systems Analysis and Design
- PowerBuilder Programming

Accomplishments

- Analysis and design (OO using UML and Riverton HOW) for n-tier Accounts Receivable System (PowerBuilder 5 with Sybase SQL Server 11 backend).
- Responsible for all analysis and design phases of the project (requirements gathering, use case analysis, and data model design).
- Generated PB code using the Riverton HOW modeling software, and then elaborated the generated code.
- Analysis and design functions for a client/server CPS Forecast System. Again, the application was constructed using PowerBuilder 5 and a Sybase SQL Server 11 backend. Modeled the logical and physical database design using ERWin.
- Led the development team (3 PowerBuilder programmers) through the development and implementation phases.

Technical Environment

- PowerBuilder v5, Riverton HOW (UML based object modeler), T-SQL, Sybase 11, ERWin

**INVESTORS GROUP
Project Manager**

Jan 1997 to June 1997

Responsibilities

- Project Management

Accomplishments

- Managed three projects:
 - The Natural version Upgrade
 - The performance and tuning of the CLASS System
 - Analyses of requirements for a MVS to OS 390 systems upgrade.

Technical Environment

- IBM MVS / OS 390 Mainframe, NATURAL / ADABAS

NORTHWOOD PULP AND TIMBER LIMITED
PowerBuilder Developer

July 1996 to Jan 1997

Responsibilities

- PowerBuilder Design and Development

Accomplishments

- Designed two modules (PowerBuilder v5) within the Integrated Lumber Sales System: Inventory Management and Administrative Management.
- Utilized OBS's R.O.A.D. (Rapid Online Application Design) methodology to facilitate module design.

Technical Environment

- PowerBuilder 5.0, Sybase 10

CONTACT MARKETING INC
Data Modeler / Database Designer

July 1996

Responsibilities

- Database Designer

Accomplishments

- Designed the database for an Access application for use by Contact Marketing's client Monsanto. The database design (and the related Access application) was adapted from a paper forms system that Monsanto used to perform data collection on the performance of their herbicide products.
- Created a database design that would support data collection and reporting functions with the new application for their product: "Round-up Ready Canola".

Technical Environment

- S-Designer Data Modeling Software

UNITED GRAIN GROWERS
Systems Analysis and Development

Mar 1996 – July 1996

Responsibilities

- NATURAL / ADABAS Developer

Accomplishments

- NATURAL development work on marketing and financial systems both from high-level specifications from United Grain Grower analysts, and from my own specifications.

Technical Environment

- NATURAL / ADABAS on a UNIX Platform

INVESTORS GROUP
Systems Analysis and Development

Apr 1995 – Mar 1996

Responsibilities

- Lead NATURAL / ADABAS Application Designer and Developer

Accomplishments

- Lead development team to rewrite one of Investors' legacy financial applications called the ISL (Investors Syndicate Limited) system.
- Assisted the lead analysts in the design of the new application, and was continually consulted on most technical issues surrounding the build of the application throughout the entire lifecycle.
- Using high-level specifications, responsible for re-writing a sales bonus compensation application (No Limit Performance Bonus System).

Technical Environment

- NATURAL / ADABAS on a IBM MVS Platform

MANITOBA PUBLIC INSURANCE
Systems Analysis and UAT Facilitator

Apr 1995 – Mar 1996

Responsibilities

- Systems analyst for changes to Claims Registration System
- UAT Facilitator

Accomplishments

- System analysis to determine which screens would be affected by the proposed changes to the Claims Registration System.
- Systems analysis to determine changes needed for Report routing by the Claims Registration System
- Facilitated User Acceptance Testing of the system changes.

Technical Environment

- COBOL, TELON

**MANITOBA TELECOM SERVICES
Systems Analysis and Development****June 1992 – Feb 1995****Responsibilities**

- Systems analysis and programming

Accomplishments

- Implemented code changes to the CLASS system to accommodate Centrex order processing. Centrex customer information had been previously recorded in two places, one being the Circuit Control System, and the other being paper records.
- Designed and coded two new summary screens, The Telephone Number Summary Screen and the Detailed Equipment Summary Screen
- Performed code changes to the Print Distribution System.
- Responsible for trouble-shooting problems ensuring all of the data was recovered properly.
- Liaised between the Production Support personnel and the computer operations personnel. The highest proportion of work in this department centered on the analysis and restart of failed batch jobs, and less frequently, the analysis and implementation of some program changes were required.
- Worked on system problems that had been reported by the CLASS systems clients (Usually a customer services advisor).

Technical Environment

- Tandem COBOL (SCOBOL), Tandem System – TACL, IBM MVS System

**INVESTORS GROUP
Senior Analyst Programmer (Jun 1984 – Jun 1992)
Computer Operator (Jan 1979 – Jun 1984)****Jan 1979 – June 1992****Responsibilities**

- Systems analysis and programming
- Computer Operator / Shift Leader

Accomplishments

- Coded menus and reports (both online and batch) using NATURAL 1.2
- Analyzed, coded and implemented a sub-system of the Sales Information System, developed the software necessary for the Sales Information System to print reports with multiple character sets.
- Tester for the conversion of the operating system from DOS / VSE to MVS / XA.
- Developer of foundation design skeleton for the CLASS system: QUID (Query Update Insert Delete) screen design.
- Developer of a report viewing subsystem that facilitated the viewing, tracking, and printing of batch reports through an online system.
- Developer on the CLASS Archive System.
- [Computer Operations] - Responsible for scheduling batch applications, batch system maintenance, training of junior staff, printing of all application system reports, and supported the client community with a wide range of help desk functions, varying from troubleshooting terminal problems and investigating systems access problems.

Technical Environment

- IBM DOS/VSE, IBM MVS, NATURAL / ADABAS

TECHNICAL PROFILE

- ❑ Sybase Server, MS SQL-Server, IBM DB2, and MySQL, ORACLE 9.x
- ❑ PowerBuilder (v5-8), NATURAL / ADABAS, COBOL, VBA, HTML, SQL, T-SQL,
- ❑ Oracle Designer, Developer, Forms, & Report
- ❑ M-Tiers: Sybase EA Server
- ❑ Version/Project management: (IBM) Rational ClearCase, MS-Project 2002
- ❑ UNIX (IBM AIX, HP-Unix), Windows
- ❑ Internet, Intranet, HTTP/FTP/SSL

EDUCATION

- Certificate in Data Processing Management from University of Manitoba, Canada
- Certificate in Computer Analysis and Programming from Red River College, Winnipeg, MB, Canada

TRAINING

- Information Systems Project Management – Canadian Management Centre of American Management Association International
- Sybase Certified – PowerBuilder 7 Developer Associate, London, UK
- Microsoft Certified Professional (MCP) – Implementing a Database Design using MS-SQL Server, Winnipeg, MB, Canada
- Riverton HOW (UML Modeling) – Training in Boston, Mass. USA

QUALIFIED FOR WORK IN THE FOLLOWING COUNTRIES

- Canada (Canadian Citizen)
- United Kingdom (on a 5 year UK ancestry visa)

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

- **CIPS** (Winnipeg Branch) since 2002
- **IIBA** (International Institute of Business Analysts) since 2008
- **ISUG** (International Sybase User Group – North America) since 2008

COMMUNITY AND OTHER INTERESTS

Mr. Larsen is an advocate for the Winnipeg arts community and sits as a volunteer member of the Board of Directors for The Little Opera Company, and manages their website (www.littleopera.ca) and marketing operations. He is also an active member of the Winnipeg singing community having performed in over 20 operas (Manitoba Opera, The Little Opera Company) and musical productions (Rainbow Stage, The Winnipeg Gilbert and Sullivan Society) over the past 15 years.