



Resume : **Jean-René Roy**

12 October 2010

Experience Summary

- **20+ years of experience in the IT industry. 12+ years of experience in developing scalable mission-critical Web POS, ERP system and desktop applications** with a specialty in .NET, Web Services, as well as Internet based Web sites and applications.
- **5+ years of extensive Microsoft .NET experience**, including XML Web Services, WCF, Smart Clients, Silverlight, and SQL Server SSMS, SSRS, SSIS, SSAS.
- **10+ years of architecture experience**, including applications, Database, solutions, technical as well as information architecture.
- **20+ years of server software and hardware experience** including enterprise critical rack mount servers, Windows Server 2003, Exchange 2003, SQL 2000/2008, COM DCOM and a number of other products.
- **Specialty:** Technical Architecture, Application Architecture, Information Architecture, Database Architecture, BI Solution specialist, Agile practice, User Interface design , Finding solutions, Business Process Automation, Customer requirements analysis, .NET Object Oriented Development and Usability studies.
- **10+ years of technical project management**, team lead, Mentoring, Training and business management expertise





Consultant Bio



Jean-René Roy Database BI and Software Architect,

Jean-René Roy has been developing IT solution for large and small enterprises since 1987. In 1991 he founded the consulting firm Technologies SoftDesign Inc.

Since that time he has worked on projects for House of Communes, Innovapost, Bell Canada, CGI, ArchiDATA, Sun Telcom, Kraft, and many other clients assuming the responsibility of Business Analyst, Software Architect, Software Developers, Analyst, Team leader and mentor. He has been and is still very active in the developers' community by acting as a user group leader for more than ten years with the Montreal .NET community and the Ottawa .NET community.

He is also the co-founder of an international developer's conference www.DevTeach.com which is now directed by a member of his team. Jean-René Roy is a [SQL Server Microsoft MVP](#) and is co-lead and mentor for the [OttawaSQL.net](#) BI study group.

His extensive experience and knowledge can be seen in the following areas:

- Expert in Microsoft technologies and solutions, with a specialty in SQL Server SSMS,SSIS,SSAS,SSRS,SSB;
- Application development (.NET Framework 1.1 and .NET Framework 2.0, OOP, VB.NET, Visual Studio.NET 2005, Windows Services, XML, XSL, WCF WPF);
- Internet development (ASP, ASP.NET, JavaScript, HTML, DHTML, IIS, Web Services, WSS, WSE, MSMQ, SMTP, SSL);
- Enterprise development (Centralized session state, Multi-tier);
- Data access (ODBC,ADO, ADO.NET, OLE DB, DTS and Encryption);
- Database architecture design and data modeling (MS-SQL Server, MS Access, VFP, XML);
- Business process automation.
- Application architecture expertise and very strong GUI design skills;
- Team Lead, Agile skill, XP & Agile Scrum
- Knowledge of UML, MSF and RUP, as well as SDLC (Application Life-Cycle) with VSTS

In-depth network and Microsoft Back-Office hands-on knowledge, including Windows 2003 Server, Windows XP, Windows Vista, Windows 7, SQL 2000-2008, Exchange 2000-2003.

Mr. Jean-René Roy has strong communication skills in both French and English. He also has technical Project Management expertise and has the proven ability to articulate complex business and technical concepts to executives. He is a regular speaker in conferences and User Groups.

Microsoft Most Valuable Professional

In July 2007,2008,2009, Jean-René Roy was named Microsoft MVP for SQL Server. This is a brief description of the MVP program as found at www.microsoft.com/mvp: *The MVP Program is focused on our relationships to and with customers via online and offline communities. The program celebrates our best, most active customers who have demonstrated a technical passion and willingness to share their expertise with others. These customers are the authors, enthusiasts, developers, academics, business, and technical decision makers who carry with them the voice, strength, and value of the Microsoft customer. They do this in the books, Web sites, code samples, and utilities they publish; in the newsgroups, message boards, and user group forums where they share; through the speaking engagements, Webcasts, and chats they host, and in the feedback through alphas, betas, and communities they provide to help Microsoft build better products that result in more satisfied, loyal, and passionate Microsoft customers.*



Education & Training

Windows Phone 7 Boot Camp	2010
Ottawa BI Study Group (Co-Lead)	spring 2009
BI Boot Camp SQLTeach	2009 / 2007
Certificat en informatique	
UNIVERSITÉ DU QUÉBEC A MONTRÉAL	1992
Diplôme d'études collégiales (DEC)	
Technique Informatique	
C.E.G.E.P. de St-Laurent	1987

Language

- English (spoken & written) - excellent
- French (spoken & written) - excellent

Security Clearance

Secret II

Employment Summary

• Chief Software Architect	Technologies SoftDesign	Jan 1991 – Present
• ETL Specialist/ DBA	Innovapost	Sept 2009- May 2010
• Specialist SSIS, SSRS	House of Communes	May 2009-July 2009
• Database Architect	Upper Canada school board	Jan. 2009 - Present
• Chief Software Architect	Accent de Ville (AdV)	Jun 2004 – Oct. 2008
• DBA / Software Architect	Keops Kraft Canada	June 2006 - Present
• Chief Software Architect	DevTeach	Sept 2002 – Jul - 2008
• Chief Software Architect	Cunsultations C.A.I. Inc	May 2004 – Sept 2008
• Chief Software Architect	ArchiDATA	July 2000 – June 2004
• DBA / Database developer	Saturn Disc (Zomax)	Oct 2000 – Nov 2000
• Software Architect & Mentoring	SunTelecom	May 2001 – Sept 2002
• Software Architect	Kraft Canada	April 1998 – Sept 2000
• Software Architect	Oratoire St-Joseph	Mar 1998 – Oct. 2008
• Team leader	CGI	Feb 1992 – Sept 2000



List of Projects

Project #21: DevTeach Video Hub

June 2010 – September 2010 (4 months)

Title: Software Architect/ BI Specialist



The Conference Company DevTeach Inc. needed a way to broadcast video recorded at their last event in March 2010. The project include creating a Silverlight player, a BI Strategies to collect important statistics, a BI DW with all the statistic of viewing video and a strategy to limit the use of bandwidth for the broadcast of large video files. The solution also includes the creation of different reports.

- Design Business and user requirements definition for the applications.
- Create the business requirements.
- Design of the BI solution for the data collection.
- Microsoft TFS Admin for the source management
- Create the business requirements.
- Code review and Architecture review
- Database architecture design.
- Design and Manage the security access
- Integration of WCF and Entity Framework
- Integration of Windows Azure
- Design and creation of a BI solution with MS SQL Server OLAP
- Writing the technical design from the functional design
- Writing Architecture and support documentation
- MS Build for continued integration
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Creation of report with SSRS
- Integration and deployment with Microsoft TFS and MS Build
- Integration of the new Silverlight player
- Integration of the new BI solution for the player statistic.



- Modification to the web site for security.

Project #20: Innovapost: ETL project for Canada Post

September 2009 – May 2010 (9 months)

Title: ETL Specialist / DBA



Canada Post is modernizing its sorting plan by replacing old equipment by new. In the process new data will be used to generate productivity reports. The national plans will produce 5 million records every 30 minutes. Jean-René Roy was contracted to produce an ETL application that will process the 4 million records every 30 minutes.

- Writing the technical design from the functional design
- Writing Architecture and support documentation
- DBA responsibilities' (Maintenances, Management)
- Create SSIS package for the ETL solution with SQL Server 2008
- Write test scenarios for the ETL solution
- Integration of the ETL solution
- Code review and Architecture review
- ETL Performance Tuning and Troubleshooting
- Integration and deployment with Microsoft TFS and MS Build
- Data transfer to the BI database
- Design and Manage the security access
- Writing Power Shell Maintenance script
- Writing Batch Maintenance Script

Project #19: NetLogon: Design and create questions for MS SQL certification exam

September 2009 (one week)

Title: SQL Server 2008 Software and Database Architect



NetLogon was mandated by Microsoft to design questions for Microsoft Certification exams. NetLogon contracted



Jean-Rene Roy and seven other experts to design 75 questions for the Designing Database Solutions and Data Access Using Microsoft SQL Server 2008 exam 70-451.

- Design SQL Server 2008 questions for exam 70-451
- Debate questions design by other experts
- Test concepts related to exams questions

Project #18: DevTeach: eSELECTplus credit card payment gateway

Web site credit card process with Moneris Solution

July and August 2009 (2 months)

Title: Chef Developer/ Software and Database Architect



DevTeach needed to change their credit card process on their website to eSELECTPlus gateway from Moneris Solution. Jean-Rene Roy was the original software architect that designed the website therefore he was instructed to find a solution to modernize the website and integrate the new gateway Compliance to PCI (Payment Card Industry). For this job J-R Roy had to create a .NET rapper around the eSELECTplus COM object in VB.BET and integrate this new object in the existing web site and adjust the web site security to comply to the new norm PCI. The website is now fully operational with the new gateway from Moneris Solutions.

- Design of a VB.NET object rapper around the eSELECTplus COM object.
- Microsoft TFS Admin for the source management
- Create the business requirements
- Writing the technical design from the functional design
- Writing Architecture and support documentation
- MS Build for continued integration
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Upgrade of SQL Server 2005 to 2008
- Code review and Architecture review
- Implement encryption for credit card.
- Integration and deployment with Microsoft TFS and MS Build
- Adjust the SQL Server Database for PCI compliances



- Design and Manage the security access
- Integration of the DevTeach.Payment.Gateway object in DevTeach Web site
- Test of the new DevTeach.Payment.Gateway object with Moneris Solution.
- Modification to the web site for credit card process on DevTeach website.

Project #17: House of Commons: Project Tims (Specialist SSIS, SSRS)

ELT and DBA specialist

May 2009 – July 2009 (3 months)

Title: ETL Specialist / DBA



House of Commons needed a specialist on SQL Server Integration Services (SSIS) to synchronize daily the data of three different systems in production with the application Tims. This ETL process is responsible for keeping the Tims application up to date with the other applications in production. Also work was done on some of the report with SQL Server Report Services

- Design a data conversion for the legacy system to the new system with SSIS
- Design and conception of the ETL process SSIS
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Configuration of the Packages SSIS SQL Server 2005
- Design and creation of the Store Procedure SSMS
- Implementation of the ETL process in production
- Design of reports with SSRS
- Writing the technical design from the functional design
- Writing Architecture and support documentation
- Writing Power Shell Maintenance script
- Writing Batch Maintenance Script

Project #16: Upper Canada District School Board: SharePoint Portal (Intranet and Extranet)

January 2009 – March 2009 (3 months)

**Title: Database Architect**

UCDSB is redesigning the Intranet and Extranet with SharePoint. My Job was to find a way to deliver a data layer that can be flexible for future changes without affecting the software customization for the Web parts for the frontend SharePoint web site. By using the BDC file and store procedure we created a data layer that can be modify without touching the SharePoint Web Parts.

- Performed user requirements definition for the applications.
- Collaborative design sessions with applications software architect.
- Organized and participated in team meetings, raised issues and concerns.
- Creating the and testing the Store Procedure
- Created SQL Queries with SSMS with TSQL SQL Server 2008
- Database Design and Data analysis
- Design and Manage the security access
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #15: Accent de Ville (AdV) : In house ERP System

June 2004 – Oct. 2008 (53 Months)

Title: Business Analyst / Software Architect / Technical Lead



Jean-René Roy re-Engineered the old DOS System in a modern ERP and CRM system. This application controls the enterprise operations from A to Z. AdV business is to buy from India and China and resale in the USA and Canada. This enterprise has developed a strategic business process based on a right on time sale and purchases. In this mandate he modernized the purchasing and receivable accounts, the inventory management, the invoicing and the BI functionality.

Project team of up to 3 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Design Business and user requirements definition for the applications.
- Create the business requirements.
- Collaborative design sessions with applications users.
- Organized and participated in team meetings, raised issues and concerns.
- Analyzed users' feedback and made recommendations on modifications and/or improvements to achieve better marketability of the application.
- Performed as a technical lead with Agile and Scrum.
- Created SQL Queries with SSMS with TSQL.
- Creating the report with SSRS



- Upgrade SQL Server 2000 to 2008
- Created project management schedules.
- Designed, developed, and tested code, applications, components and asynchrony applications.
- Writing the technical design from the functional design
- Writing Architecture and support documentation
- DBA responsibilities' (Maintenances, Management)
- Integration of reports for the BI Solution
- Performance Tuning and Troubleshooting
- Development, testing and implementation of Multi-tiered applications.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Acted as project leader coordinating all phases of the system development life cycle.
- Design a data conversion for the legacy system to the new system with SSIS
- Utilized structured methodologies for program coding and testing.
- Object-Oriented Programming and Programmer Analyst responsibilities.

Project #14: Keops - Kraft Canada

DBA / Software Architect

June 2006 – November 2008 (Overall 4 months)



Kraft Canada has many legacy applications that require maintenance. With Keops Jean-René Roy is sometime called to fix databases or applications problems.

- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Database Design and Data analysis
- Design and Manage the security access
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #13: DevTeach / SQLTeach conference web site

Sept. 2002 – July 2008 (72 months)

Title: Software Architect / Technical Lead



This content management system is designed to market and process registrations for the DevTeach and SQLTeach conferences. It's more than just a content management system; it processes credit cards (Visa, MasterCard and Amex) and controls all the logistic during the conference. It does provide the attendees a way to download sessions' material, build schedules, and complete the sessions' evaluations online. Background applications control the display of two different skins (DevTeach / SQLTeach). It gives many functions to the speakers by providing an upload function for the sessions' material, view session evaluations online and Top 10 speakers' reports. The web site has a client application that processes registrations via web services. This site uses ASP.NET, .NET 3.5, Silverlight 2.0, SQL Server.

Project team of 3 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Design Business and user requirements definition for .NET applications.
- Create the business requirements.
- Collaborative design sessions with applications users.
- Research, study and familiarization of/existing legacy applications and .NET Framework 2.0 features.
- Microsoft TFS Admin for the source management
- MS Build for continued integration
- Integration and deployment with Microsoft TFS and MS Build
- Organized and participated in team meetings, raised issues and concerns.
- Performed as a Technical lead and evaluated .NET related software products.
- Database architecture design.
- Design and Manage the security access
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Upgrade SQL Server 2000 to 2005
- Implement encryption for credit card.
- Created project management schedules.
- Designed, developed, and tested .NET code, application, components and Web Services.
- Developed Win Forms and Web Services using Microsoft Visual Studio .Net Professional 2005 (VB.NET) and Microsoft .NET Framework 2.0
- Integrated and modified existing C# Classes.
- Implemented WSE 3.0 Web Service Security.
- Created Dynamic Web Service Client object classes.
- Development, testing and implementation of Multi-tiered applications.
- Applied industry recognized methodologies.
- Applied Software Development life cycle. Acted as project leader coordinating all phases of the system development life cycle.
- Design and creation of a BI solution with MS SQL Server OLAP
- Creating Query with SSMS
- Creating report with SSRS

- Utilized structured methodologies for program coding and testing.
- Security concepts (Active Directory, Encryption, Cryptography, Authentication, WSS - Web Service Security).
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and design, as well as Object-Oriented Programming concepts and techniques. Performed .NET application impact analysis.
- Participated in the design of detailed program specifications for program components and objects.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #12: Cunsultations C.A.I. Inc System SysEbout

May 2004 – July 2008 (Overall 10 months)

Title: Software Architect & Design / Technical Lead



This application is used by the production manager to communicate the orders to the operators and to count the cuts done by the 10 cutters in the plant. The application gathers the productions orders from the in house ERP system then transforms the data in productions work orders. This solution generates over 20 000 transactions per day and it uses an archive strategy for the high volume of data. The managers also use the data to evaluate the performance of the operators. The data is also moved to a data-mark for statistic reporting. This solution includes a server applications communicating with an automaton and a client application communicating with devices and the server database.

Project team of 3 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Performed user requirements definition for applications.
- Create the business requirements.
- Collaborative design sessions with applications users.
- Organized and participated in team meetings, raised issues and concerns.
- Performed as a technical lead.
- Created SQL Queries with SQL SSMS.
- Creating Reports with SSRS.
- Created project management schedules.
- Database architecture design and data modeling
- Design and Manage the security access
- Designed, developed, tested the code, the applications, the components and

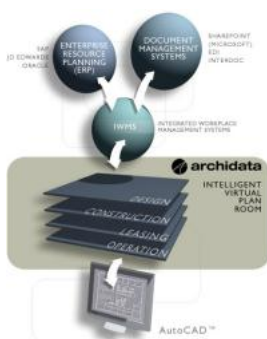
automated.

- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Development, testing and implementation of Multi-tiered application.
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Acted as project leader coordinating all phases of the system development life cycle.
- Utilized structured methodologies for program coding and testing.
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and design, as well as Object-Oriented Programming concepts and techniques.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Participated in the design of detailed program specifications for program components and objects.
- Provided .NET application operational support.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #11: ArchiDATA OP/TIC online

June 2002 – July 2004 (25 months)

Title: Business Analyst / Software Architect / Technical Lead



OP/TIC online is composed of many different products. The virtual Plan room is used in the building life cycle and the space management is used by real estate managers to administer the rental space. The products provide critical support to the planning, design, construction, space management and operation of buildings. The main concept of this company's product is based on the assumption that the Database for a building (Estate) is the building plan. This complex solution is composed of a web site, web services and clients' softwares. Jean-René Roy worked on the modules Virtual Plan Room, Space Management, Facilities Management, Leasing Management, Project Management and CertiPLAN.

Project team of up to 5 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:



- Design Business and user requirements definitions for the application.
- Create the business requirements.
- Collaborative design sessions with applications users
- Research, study and familiarization of/with existing legacy applications and .NET Framework 3.0 features.
- Organized and participated in team meetings, raised issues and concerns.
- Created specifications documents, workflows, and functional models/diagrams.
- Analyzed business processes and made recommendations on modifications and/or improvements to achieve better applications integration and performance.
- Performed as a Technical lead and evaluated .NET related software products.
- Responsible for XML data modeling and creation of data dictionaries.
- Responsible for definition of XML standards for interoperability.
- Database architecture design.
- **Design and Manage the security access**
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Entity relationship diagram creation.
- Created detailed application architecture documents.
- Created project management schedules.
- Designed, developed, and tested code, applications, components and Web Services.
- Created Dynamic Web Service Client object classes.
- Created use cases and documentation for the applications.
- Development, testing and implementation of Multi-tiered applications.
- Applied industry recognized methodologies.
- Acted as project leader coordinating all phases of the system development life cycle.
- Utilized structured methodologies for program coding and testing.
- Security concepts (Active Directory, Encryption, Cryptography, Authentication, WSS - Web Service Security).
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and design, as well as Object-Oriented Programming concepts and techniques. Performed .NET application impact analysis.
- Participated in the design of detailed program specifications for program components and objects.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Provided .NET application operational support.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #9 :ArchiDATA / Cité Multimedia de Montreal

July 2004 – July 2005 (12 months)



Title: Technical Advisor / Network Architect



In 2004, Montreal build seven buildings in the Old Montreal called Cité Multimedia. Jean-René Roy was on the construction comities as a technical advisor for the Cité Multimedia to harmonize the logistic between the buildings during the constructions. His recommendations led to the architecture of the intranet between buildings and the specifications for the security bunker in building #5. This bunker centralized over 80 cameras, locking controls for doors and alarms, mechanical system and the intranet.

Project team of 2 people, with 1 architect/developer.

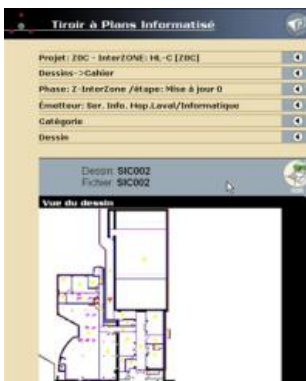
During this project, Jean-René Roy had the following duties and accomplishments:

- As Head Technician, he oversaw work done by technicians in multiple aspects of logistic between buildings.
- Involved in creating, maintaining & enhancing strategic network design with different suppliers.
- Design of network diagram and network workflow.
- Presentations of concept to the owners and suppliers.
- Trained computer technicians and other employees.
- Analyzed suppliers' products and made recommendations on modifications to quotations.
- Performed quality assurance.
- Verifications and tests of the network during the construction.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #8 :ArchiDATA / ACQ virtual plan room

July 2000 – Sept. 2003 (36 months)

Title: Business Analyst / Software Architect / Technical Lead



The Quebec Construction Association (ACQ) mandated ArchiDATA to produce a virtual plan room for the public construction quotations. Jean-René Roy was approached by ArchiDATA to develop a Web version of the Desktop Virtual plan room application design by ArchiDATA. This application provides the ability to scan documentations and plans for a project and create a full web site with details information on the construction projects. ACQ is placing an average of 40 projects online per day and over 4000 members are signing in every day to consult the new constructions projects open for bid. The solution is designed with databases, server



applications, web services and client applications. This mission critical solution was implemented in September 2003 and it is still in function.

Project team of 5 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Design Business and user requirements definition for the web site.
- Create the business requirements.
- Collaborative design sessions with applications users.
- Organized and participated in team meetings, raised issues and concerns.
- Created marketing documents.
- Database architecture design and data modeling (MS-SQL Server, VFP, XML);
- Analyzed customer feedback and made recommendations on modification and/or improvements to achieve better marketability of the application.
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Performed as a technical lead.
- Created project management schedules.
- Designed, developed, and tested code, applications, components and Web Services.
- Development, testing and implementation of Multi-tiered applications.
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Acted as project leader coordinating all phases of the system development life cycle.
- Utilized structured methodologies for program coding and testing.
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and designs, as well as Object-Oriented Programming concepts and techniques.
- Participated in the design of detailed program specifications for program components and objects.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #7: SunTelecom ERP System

May 2001 – Sept. 2002 (16 months)

Title: Business Analyst / Software Architect / Technical Lead / Team Lead / DBA

SunTelecom was a rebilling Telecommunication companies (TELCO). Jean-René Roy worked with SunTelecom for 18 months and built an ERP system that covers all





operations. This enterprise was providing long distances communications to their customers. The communications were provided by large TELCO such as Bell Canada and SunTelecom received the communications data daily and a bill was produced at the end of the month. This solution was also providing a CRM with telemarketing functions built in. 92% of all operations including an interface between the ERP system and Accpac accounting system was accomplished with this ERP system.

Project team of 6 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Performed user requirements definition for application.
- Create the business requirements.
- Collaborative design sessions with applications users.
- Organized and participated in team meetings, raise issues and concerns.
- Team Leader and mentoring with the development team
- Performed as a technical lead.
- Design a data conversion for the legacy system to the new system with VFP
- Database architecture design and data modeling (MS-SQL Server, VFP, Pervasive);
- Created project management schedules.
- Performance Tuning and Troubleshooting
- Development, testing and implementation of Multi-tiered applications.
- Applied industry recognized methodologies.
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Applied Software Development life cycle.
- Acted as project leader coordinating all phases of the system development life cycle.
- Utilized structured methodologies for program coding and testing.
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and design, as well as Object-Oriented Programming concepts and techniques.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Participated in the design of detailed program specifications for program components and objects.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #6: Saturn Disc (Zomax)

Oct. 2000 – Nov. 2000 (2 months)

Title: DBA / Database Developer



This enterprise specializes in CD/DVD replications and supply chain solutions. Jean-René Roy responsibility was to design and create store procedures for custom reports. The client provided the specifications for every reports. SQL Server was used as a Data-mark of the production environment.

Project team of 8 people, with 1 architect/developer.

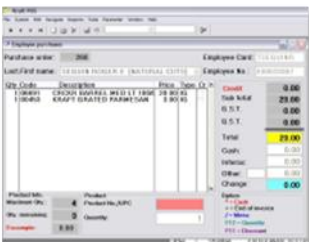
During this project, Jean-René Roy had the following duties and accomplishments:

- Organized and participated in team meetings, raised issues and concerns.
- Created marketing documents.
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Created SQL Queries with SQL Query Analyzer.
- Analyzed customer feedback and made recommendations on modifications and/or improvement to achieve better marketability of the application.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #5: Kraft Canada project KraftPOS

April 1998 – Sept. 2000 (Overall 10 months)

Title: Software Architect / DBA



The Mont-Royal plant needed a Point of Sale (POS) for the employees' store. Jean-René Roy designed a customize version of the employees' store. This application processes over 500 000\$ of goods per year and it includes special modules like Purchase Order, Discount management, Audit system, export functions and other custom functions. This POS is installed in three different plants.

During this project, Jean-René Roy had the following duties and accomplishments:

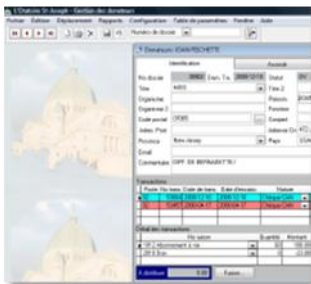
- Performed user requirements definition for the application.
- Create the business requirements.
- Collaborative design sessions with applications users.

- Organized and participated in team meetings, raised issues and concerns.
- Created marketing documents.
- Created SQL Queries.
- Performance Tuning and Troubleshooting
- Analyzed customer feedback and made recommendations on modifications and/or improvement to achieve better marketability of the application.
- Performed as a technical lead.
- Created project management schedules.
- Designed, developed, and tested code, applications and components.
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Acted as project leader coordinating all phases of the system development life cycle.
- Utilized structured methodologies for program coding and testing.
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Object-Oriented analysis and design, as well as Object-Oriented Programming concepts and techniques.
- Participated in the design of detailed program specifications for program components and objects.
- Code review and Architecture review
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #4: Oratoire St-Joseph GDD Application

March 1998 – Sept. 2008 (36 months)

Title: Application Architect



The application GDD (Gestion De Dons) is used by the donations collections department and it manages 160 000 donors, collects over 3.5 millions of donations per year and processes over 450 000 transactions per year. This application includes telemarketing functions and an elaborate membership logic that manages different classes of donors. This application is still in function.

Project team of 2 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Performed user requirements definition for the application.



- Create the business requirements.
- Collaborative design sessions applications users.
- Organized and participated in team meetings, raised issues and concerns.
- Created marketing documents.
- Creating report with SSRS.
- Created SQL Queries with SQL Query Analyzer and SSMS.
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Analyzed customer feedback and made recommendations on modification and/or improvement to achieve better marketability of the application.
- Performed as a technical lead.
- Created project management schedules.
- Designed, developed, and tested code, applications and components.
- Development, testing and implementation of Multi-tiered applications.
- Applied industry recognized methodologies.
- Applied Software Development life cycle.
- Acted as project leader coordinating all phases of the system development life cycle.
- Utilized structured methodologies for program coding and testing.
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and design, as well as Object-Oriented Programming concepts and techniques.
- Participated in the design of detailed program specifications for program components and objects.
- Writing the technical design from the functional design
- Writing Architecture and support documentation

Project #3: CGI for Bell Canada Project Bill2000

Feb. 1992 – Sept. 2000 (96 months)

Title: Software Architect



Bill2000 is a client application that was used by Bell Canada largest clients. The purpose of this client application was to provide a way for the clients to sort and filter large billing data. Bell Canada was producing the billing data on CDs and this application was reading the data and producing reports. Jean-René Roy worked for over 7 years on this project. In the last 3 years he was team leader on the client application project. This product was sold to other Telco in Canada and worldwide.

Project team of 15 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:



- Performed user requirements definition for the application.
- Performed Industry research and product comparisons.
- Organized and participated in team meetings, raised issues and concerns.
- Created specifications documents, work flows, functional models/diagrams.
- Performed team lead activities.
- Create the business requirements.
- Performed as a technical lead and evaluated related software products.
- Responsible for data modeling and creation of data dictionaries.
- Created SQL Queries with SQL Query Analyzer.
- DBA responsibilities' (Maintenances, Management)
- Performance Tuning and Troubleshooting
- Created architecture/testing documentation and data dictionaries.
- Designed user interfaces and graphics.
- Usability testing. And, performed .NET application impact analysis.
- Development, testing and implementation of Multi-tiered application using .NET Framework 1.1 and 2.0
- Designed, developed, upgraded, and tested .NET code, components and Web Services.
- Created use cases, workflows and documentation for .NET application.
- Apply application modeling standards UML and utilize RUP.
- Applied Software Development life cycle.
- Applied industry recognized methodologies.
- Acted as project leader coordinating all phases of the system development life cycle.
- Security concepts (LDAP, Active Directory, Encryption, Cryptography, Authentication).
- Utilized structured methodologies for program coding and testing.
- Coding and testing of Web based application programs.
- Object-Oriented Programming and Programmer Analyst responsibilities.
- Developed working, tested programs in an Object-Oriented environment.
- Object-Oriented analysis and application design, as well as Object-Oriented Programming concepts and techniques using Microsoft .NET Framework 1.1
- Participated in the design of detailed program specifications for program components and objects.
- Provided .NET application operational support.
- Entity relationship diagram creation.
- Writing the technical design from the functional design
- Writing Architecture and support documentation



Project #2: QUANTUM Corporative ITPro and Analyse

Oct. 1988 – Jan. 1992 (48 months)

Title: ITPro and Software Architect



Jean-René Roy was the assistant director of IT. His tasks were related to network maintenances and application development for the accounting department. During the three years he developed a billing system, an advertising costing system and many other accounting related applications.

Project team of 15 people, with 1 architect/developer.

During this project, Jean-René Roy had the following duties and accomplishments:

- Applied Software Development life cycle.
- Support Network users and application users.
- Utilized structured methodologies for program coding and testing.
- Coding and testing of Desktop based application programs.
- Writing the technical design from the functional design
- Writing Architecture and support documentation
- Writing improved process and best practices

Project #1: E.P.M Dispatch and invoicing system

July 1987 – August 1988 (12 months)

Title: Business Analyst / Software Architect



Back in 1987, the dispatch of the technicians to their daily work places was done with papers. This new application helped the dispatcher. It was also prepared the billing data for the clients. It reduced the invoicing time by 4 weeks.

- Design Business and user requirements
- Applied Software Development life cycle.
- Support Network users and application users.
- Utilized structured methodologies for program coding and testing.
- Coding and testing of Desktop based application programs.
- Writing the technical design from the functional design
- Writing Architecture and support documentation



Speaking experiences

- Regular speaker at the Ottawa .NET User Group
- Regular speaker at the OttawaSQL.NET User Group
- Conference DevTech 2007 / 2008 / 2010
- Conference SQL PASS 2009
- April 2008/ May 2010 Ottawa Code Camp
- March 2008 Toronto SQL User Group
- Toronto Code Camp 2008 / 2009 / 2010
- 2008 Toronto VB.NET User Group
- Regular speaker at Montreal .NET User Group

Subject presented

- SQL Server Services Broker
- SQL Server XML
- SQL Server and Sync Framework 2.0
- SQL Server Integration Services
- SQL Server Reporting Services
- Windows 7



Technical Summary

Network, Servers & Communication

- MS Win NT / 2000 / 2003 Server
- MS Win 9x / XP / Vista / Win 7
- MS Windows Mobile 5.0 & Pocket-PC
- MS SQL Server (7.0 / 2000 / 2005 / 2008)
- MS Access, ODBC
- MS VFP all versions
- MS Exchange Server (5.5 / 2000 / 2003)
- MS IIS (Internet Information Server)
- MS Video streaming server (Windows Media)
- Linux (limited knowledge)
- DNS, TCP/IP, SMTP, RAS, FTP, HTTP, Firewalls

Application development

- ASP.NET, VB.NET, .NET, C#, Visual Basic
- MS SQL Server T/SQL SSMS, SSRS, SSIS, SSAS, SSB
- Web Services, SOAP, WSE, WSS, UDDI
- Object Oriented (OO) development
- Mobile Device development with .NET
- .NET Compact Framework
- ASP, ADO, DAO, ODBC, OLE DB, WCF
- Microsoft Visual Source Safe (VSS), TFS, ALC
- MS Solutions Framework (MSF), UML, RUP
- COM, COM+, .NET Enterprise Architecture,
- XML, XSL, XSD, XSLT
- SQL (Language, DTS), Data modeling,
- Silverlight 4.0
- HTML, DHTML, JavaScript, VBScript
- CSS (Cascading Style Sheets)
- N-tier architecture
- Web farm development practices &
- Central session state
- Document & Content Management

Software Tools

- MS Visual Studio .NET 2003 / 2005 / 2008
- MS SQL Server TSQL SSMS, SSRS, SSIS, SSAS, SSB
- MS .NET Framework 1.0 / 1.1 / 2.0 / 3.0 / 3.5
- Expressions Web 2.0
- MS Visual Studio 5.0 / 6.0
- MS FrontPage (All versions + 2003)
- MS VFP all versions
- Corel Draw / Photo-Paint,
- Adobe PhotoShop
- MS Office (All versions including 2007)
- MS Visio (All versions including 2007)
- MS Project
- Adobe Acrobat (PDF)
- Video editing & producing software
- And many more...

Hardware / Hosting Knowledge

- Intel Servers & Workstations Assembly Service & Repair
- Rack and Enterprise class systems
- Firewalls
- Network Routers
- Datacenter Operations Internet Service Provider
- DELL Servers, HP Servers