

PROFILE

I am a competent analyst programmer with a solid expertise in the information technology industry, mainly under Windows platform, using C/C++/C# languages and MFC, .Net, .Net mobile, ASP.NET frameworks. I have strong skills in object-oriented programming and also have experience managing projects with the versioning system like Visual Source Safe from Microsoft. I also analyzed and developed for radio frequency mobile units under Windows CE and .NET CF 2.0 framework. I evolved within a high tech environment such as aeronautical and radiology industries. SQL database, DIS, HLA networking protocols and UNIX platform are also part of my curriculum. I also completed an extensive SharePoint training.

EDUCATION

- August 1994 – Bachelor of Science (B.Sc.)
University of Montreal
- May 1988 – DEC professional in information technologies
Vanier College, Montreal

ADDITIONAL CERTIFIED TRAINING

- 50064 - Advanced SharePoint 2007 Development (*5 days, Microsoft Certified, AFI 2009*)
- Microsoft Office SharePoint Designer (*2 days, AFI 2008*)
- Mastering MFC Fundamentals Using MS Visual C++ 6 (*Microsoft Certified, Versalys 2001*)
- Analysis and object oriented conception with UML (*Technologia Training - 2001*)
- Advanced object conception with designs patterns (*Technologia Training -2001*)
- Introduction to JAVA (ABC training - 2000)
- C++ primer on UNIX (ABC training - 1997)
- C language (ABC training - 1995)
- Programming with X et UIMX (*CRIM training - 1995*)
- Military access level NATO/secret

PROFESSIONAL EXPERIENCE

ABC Group, an IBM company – since January 2007

XYZ Client Inc. – February 2008 to January 2009 – 12 months

Web development and applications support

Development, maintenance and support of web applications for international sites.

- Develop new functionalities,
- Support key customer for web applications around the globe,
- Debug the web applications,
- Improve existing functionalities,
- Create SQL scripts for data extraction and custom reports.

Environment: Microsoft, Windows XP, Language: C#, JavaScript, .NET 1.1 and 2.0, SQL Server 2000.

ABC Métro – November to December 2007 – 9 weeks

Architecture and infrastructure audit

Audit of architecture and infrastructure to identify data flow problems in the application mobility.

- Review and document the architecture in place,
- Develop a presentation to demonstrate deficient architecture for the IT customer and to allow IBM architects to identify the problems,
- Prepare and present a weekly progress report to the customer,
- Coordinate meetings,

- Work with management team to provide solutions,
- Prepare and present solutions to the customer.

Environment: SAP, NetWeaver 6.4, Hibernate, DB2, ClickSchedule, SQL Server 2005, IIS, .Net CF.

Air Canada – September to November 2007 – 9 weeks

Analyst Programmer

Analysis and documentation of an application that builds complex XML requests. It is used in the changes of flights pre/post departure

- Analysis and breakdown of the application functions,
- Production of a « High level design document »,
- Production of a « Software design document ».

Environment: Microsoft, Windows 2000, language C, XML

Consultants Canada – January to August 2007 – 31 weeks

Analyst Programmer

Programming of a radio frequency mobile device (Symbol WT4090) using Windows CE 5.0. The goal of this application is to replace paper picking, reduce the error rate, allow real-time database updates, monitor the efficiency of the pickers and eliminate a quality control position:

- Implement and manage a version system using «Microsoft Visual Source Safe (v8.0)»
- Programmed a client application – multithreading - C# with .NET CF 2.0 for a Windows CE 5.0 platform
- Participated in the creation and implementation of the mobile device framework
- Created « Data Access Object (DAO) » for communication between the mobile device and the request management system TIBCO
- Generated unit testing utilizing « NUnit .Net 2.0 »
- Trained programmers in the RF support team

Environment: Microsoft, Windows CE 5.0, C#, .NET CF 2.0

XYZ Group Ltd. – October 2005 to January 2007

Analyst Programmer

- Implementation and management of a control system, version Visual Source Safe (v6.0);
- Development of the Radiology Information System (RIS) interface functionality;
- Analysis and programming of functions relating to the communication of medical reports by fax and e-mail, using COM objects;
- Analysis and development of an appointment software for medical clinics;
- Creation and implementation of a Framework for the development team;
- Implementation of a 3 tier architecture;
- Installation and client support.

Environment: Microsoft, C++, MFC, SQL

Swimsuits Inc. – April to June 2005

Short term contract

Creation of a Microsoft SQL 2000 database and generation of different reports. The original database came from a sophisticated security system and required adaptation. It was necessary to determine the relationship between the SQL tables from the product level, to create various reports using Microsoft Report Generator and then incorporate the reports into the company intranet site. C# code was added to specific reports when customization was required. Also devised and created C# applications that provided department-specific information. Software version was controlled by Microsoft Visual Source Safe (v6.0)

Environment: Microsoft, MSSQL, C#, .Net

Aeronautic Inc. – March 1995 to February 2005
Military division – Software developer level III**ASSIT group - January 2002 to February 2005**

- Create and develop in C# control user interfaces of a simulation exercise, in partnership with ABC USA;
- Debug the framework of the ASSIST product in C#;
- Develop product adapters, making the connection between unmanaged C++ and C#;
- Create, in partnership with ABC Germany, an application in C# that allowed the display of simulation in 2D and 2.5D;
- Develop and integrate a plug-in C++, keeping the simulation towards an SQL database;
- Create user interfaces and applications in C++ (MFC) to show various clients the capacity of the simulation software;
- Create applications and make reverse engineering with Borland Together version 6;
- Develop with MS Visual Studio and MS Studio .NET.

Environment: Microsoft, C# and C++.

Network Group - June 1998 to June 2000

- Develop with C++ and integrate on site Protocol Data Unit. Management of migration from protocol DIS towards protocol HLA;
- Creation and development of a network sniffer which allows saving of all PDU from various simulations originating from different sites in order to replay the scenario;
- Development of client/server interfaces in real time under the protocol TCP/IP and UDP/IP for inter-connection of various simulations.

Environment: UNIX, C and C++.

DBMS Group – March 1995 to December 2002

- Create, develop and maintain user interfaces specialized in X-Windows for updating the simulation database, using system version CVS;
- Maintain and update various project documents;
- Maintain and update, using Fortran, the simulation database charger;
- Create, develop and maintain control interfaces in real time of simulation products;
- Modify and update development tool libraries in X-Windows used by the department;
- Training of new employees and international employees on user interface development, specialized in X-Windows;
- Integrate on site and off site (clients) various simulation software;
- Client support.

Environment: UNIX, C and FORTRAN.

Environment Canada, Saint-Laurent Center – June 1990 to march 1995
Computer technician

Technical support within the computer division (over 125 stations), including implementation of an inventory system. Also, trained and supervised two employees and participated in the budget planning process.

Mutual Insurance Group – Mai to October 1989
Computer technician

Development, customer database management, a range of computer and terminal support tasks.

TECHNOLOGY KNOWLEDGE**Programming Languages**

Professional:

- .NET, .NET CF, C#, C++ (MFC), C, Fortran, Cobol, Motif, Xlib, Xtoolkit, Transact SQL

Academic:

- Modula II, Pascal, Assembler

Environment and OS

- Windows
- DOS, Unix, VMS

Machines

- PC and compatibles, Work station SGI, IBM series rx6000, VAX, DEC Alpha