

Benjamin Gan
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PROFILE – Senior Solutions Developer, Analyst

A professional developer with 14+ years of production experience in all stages of the development lifecycle. Specializing in relational database design and Microsoft .Net architecture. Direct experience with government, manufacturing, health and insurance industries.

Knowledge Base

Languages	Application Packages/OS/Middleware	Databases
C#	Webservices/SOA	Microsoft SQL Server
VB.NET	Biztalk	Oracle
ASP.NET	Team System	Sybase
WPF and Silverlight		MySQL

EDUCATION AND CERTIFICATION

University of Manitoba – 1995 Bachelor of Science (Computer Science Co-Op)

MCSD - Microsoft Certified Solutions Developer
MCDBA – Microsoft Certified Database Administrator

PROFESSIONAL EXPERIENCE

Gan Solutions Inc.

Duration: 2005 to Present
Position: Owner/Lead Developer

Client: Canadian Wheat Board

Project: PRO Final Return
Position: Lead Developer
Responsibilities:

- Development of a web application to provide timely, accurate payments to farmers. Calculating and publishing the final rate is critical to the CWB, as it provides the necessary information to process the final return to farmers at the close of each pool.
- Developed in ASP.NET, C#, MS Enterprise Library, Oracle database

Client: Imaginet Resources Corp

Project: TFS Work Item Manager and Project Dashboard
Position: Senior Developer
Responsibilities:

- Inspired by agile development methodologies, these two applications have been designed to make working with Microsoft's Team Foundation Server faster and easier. By promoting robust yet flexible project management practices, TFS Work Item Manager and TFS Project Dashboard allow for rapid delivery of high-quality software.
- Worked as a member of a small team to deliver a WPF application accessing Team Foundation Server resources.
- WPF, Team Foundation Server, SQL server, Visual Studio 2008

Client: **Winnipeg Regional Health Authority**
Project: Bridging General and Specialist Care (BGSC)
Position: Senior Software Developer
Responsibilities:

- The purpose of the BGSC project is to improve inter-action between Family Physicians (and / or other Referring Clinicians such as nurse practitioners) and Specialist Physicians to whom Family Physicians may refer patients for assessment and/or treatment.
- Designed and developed a Silverlight 2.0 line of business application: XAML, Expression Blend, C#, WCF, Entity Framework, SQL Server 2008.

Client: **Canadian Foodgrains Bank**
Project: Project Information Management System (PIMS)
Position: Lead Developer
Responsibilities:

- Established in 1983, the Canadian Foodgrains Bank is a Canadian-based Christian organization that helps provide food and development assistance to people in need on behalf of our 15 Canadian church members.
- Developed in Visual Basic and SQL 2005

Client: **RPM Incorporated**
Project: Fintelligent Performance Manager.
Position: Lead Developer
Responsibilities:

- Development of custom financial performance application.
- Developed in C#, SQL 2005, NetTiers code generation, MS Enterprise Library

Client: **Direct Focus - Gemini**
Project: GAIA website – Garment customization module
Position: Lead Developer
Responsibilities:

- Development of a website module which enables customers to customize garment orders.
- Developed in ASP.NET, C#, SQL 2005, MS Enterprise Library

Client: **Direct Focus - JeldWen / Home Depot**
Project: PlanoGram
Position: Lead Developer
Responsibilities:

- Development of an application which assists in the design of display bays in Home Depot stores for JeldWen Windows and Doors products.
- Developed in C#, NetTiers code generation, MS Enterprise Library

Client: **Northwest Hockey Sports Camp**
Project: Redesign of company website
Position: Web designer/developer
Responsibilities:

- Redesign of company website
- Implement Joomla Content Management System
- Migrate data from old site
- Mentor the user and hand off site management to the user.

Client: Microsoft / S. R. Technical Services
Project: Clinic 3087 - First Look: Microsoft Windows Vista for Developers
Position: Content Developer
Responsibilities:

- Produce technical content for a clinic which exposes Windows developers to high-level information and facilitated discovery on the Windows Vista platform, thereby maintaining and enhancing their productivity and driving them to further study and adoption of Windows Vista as their preferred application platform.
- Develop course content, demonstration and lab exercises

Client: Microsoft / S. R. Technical Services
Project: Course 2073B, Programming a Microsoft SQL Server 2000 Database
Position: Content Developer
Responsibilities:

- Produce additional topics and revise existing content for a five-day course which provides students with the technical skills required to program a database solution by using Microsoft SQL Server 2000.
- Develop course content, demonstration and lab exercises

Client: Microsoft / S. R. Technical Services
Project: Security Clinic
Position: Developer
Responsibilities:

Produce sample applications to be used in demonstrations and lab exercises

Imagnet Resources Corp.

Duration: June 2003 to August 2007
Position: Senior Solutions Developer, Analyst

Main responsibilities include lead developer, analysis and delivery. Specialty areas include development and architecture of Microsoft solutions, MS-SQL server solutions, .NET services, and development in VB.NET and C#.NET as per requirements.

Position Responsibilities:

- Design, develop and deploy custom software as required.
- Maintain and identify requirements leading to proper version control of developed software.
- Develop and submit estimates on cost/time as well progress reports.
- Develop specifications, design, and implementation of software tasks as well as their final integration, and deployment.
- Training and mentoring.

Client: Manitoba Public Insurance Corporation
Project: Driver Licence system implementation
Position: Data Analyst / Lead Developer
Responsibilities:

- Analyze requirements and specifications for Driver Licence system implementation
- Design and develop multi system solution.
- Mentor team members on .Net tools and methodology.
- Rational Rose, Requisite Pro, Use Cases, Web Services, Biztalk
- Visual Studio 2005 (VB.Net)

Client: Microsoft
Project: Team System – Process Template Toolkit
Position: Lead Developer
Responsibilities:

- Produce and deliver custom software to customize the Visual Studio 2005 Team System Process templates and work items.
- This application is now distributed as part of the Visual Studio Team System Power Tools.
- Visual Studio 2005, Team Systems, C#

Client: Creswin
Project: Web site development
Position: Software Developer
Responsibilities:

- Produce and deliver custom website to maintain property portfolio
- VB.Net, ASP.NET, SQL Server

Client: EDS
Project: Medicaid Management Information System Project
Position: Software Developer
Responsibilities:

- Produce and deliver custom software for the Medical industry in the United States.
- Design and develop solutions as required by clients.
- Provide maintenance on current solution and develop changes as required by the client.
- ASP.NET, C#, XML, SQL Server, Oracle, DotNetNuke

Client: Transportation and Government Services
Project: Material Analysis System
Position: Lead Developer
Responsibilities:

- Produce and deliver custom software to maintain quality assurance information of highway and road constructions.
- VB.Net, Infragistics, SQL Server, Webservices, NUnit

Client: Ceridian
Project: ePost interface support
Position: Software Developer
Responsibilities:

- Provide maintenance on current solution and develop changes as required by the client.
- SQL Server, job scripting

Client: Manitoba Marathon
Project: Student Registration website
Position: Lead Developer
Responsibilities:

- Produce and deliver custom website to enable student registration and maintenance.
- DotNetNuke, ASP.NET, SQL Server, VB.Net

Client: Ceridian
Project: File Transfer Utility
Position: Lead Developer
Responsibilities:

- Develop and deliver a wizard like utility to assist Ceridian's customers in uploading and downloading files from Ceridian's Citrix hosted services
- C#.Net

Client: Government of Manitoba – Dept. of Transportation

Project: Citrix NFuse web page customization

Position: Lead Developer

Responsibilities:

- Mentored a web developer in customizing the Citrix NFuse webpages
- Citrix, HTML and Javascripts

Client: Voyageur Panel

Project: Voyageur Panel Decision Support System

Position: Lead Developer

Responsibilities:

- Added functionality to large scale, multi-tier, client / server applications using Microsoft technologies such as Microsoft SQL Server, Microsoft Transaction Server and Microsoft Visual Basic. The solution helps to track and report on mill downtime variables and has greatly enhanced the overall production process of the mill by helping to minimize and target downtime sources.

OpTx Corporation

Duration: 2002 – June 2003

Position: Senior Programmer Analyst

OpTx is an accomplished oncology-specific software and services provider. OpTx have been developing and implementing leading-edge patient and practice management solutions for large and small oncology practices.

Responsibilities:

- Worked with a team of developers to enhance existing system functionality to meet Duke University's requirements.
- Responsibilities include defining User Requirements, Functional Specification, Design and Implementation of the medication management module of the application
- Technical skills: Windows 2000, PowerBuilder, Sybase SQL Server, Microsoft SQL Server 2000

NORSAT International

Duration: 2000 – December 2002

Position: Senior Programmer Analyst

Norsat's SpectraWorks products provide seamless integration of terrestrial and wireless networks by reliably transmitting data to remote users over satellite using MPEG-2.

Responsibilities:

- Designed and implemented the front-end application (C++) used to maintain the DVB HUB configuration. Modules includes system configuration (Technical interface - Transport Streams and Traffic Profiles) and a Subscriber Management System (Business interface - Services, Subscriptions and Billing system)
- Responsible for requirements analysis, design and development of a return channel receiver-router line of product that provides satellite-to-LAN connectivity.

EDS Systemhouse Inc

Duration: 1998 - 2000

Position: Senior Programmer Analyst

Client: Manitoba Public Insurance
Project: Alternate Payment Project
Position: Lead Developer
Responsibilities:

- Development of a service enhancement to provide customers with expanded options of making payments including pre-authorized withdrawals and credit cards.
- Acted as lead developer responsible for implementing the module to interface with the bank. Was involved in unit, system and acceptance testing of the project as well as delivery and production support.

Client: Manitoba Securities Commission
Project: SERINA Project
Position: Lead Developer
Responsibilities:

- Perform a fit analysis of their existing system into three proposed solutions. The solution proposed consists of an Internet application, a commercially packaged application or to modify an existing system used in Alberta.
- Developed and delivered a system which administers the licensing of agents and companies

Manitoba Agriculture

Duration: 1995 - 1998
Position: Senior Programmer Analyst

Responsibilities:

- Design, develop and deploy custom software as required.
- Maintain and identify requirements leading to proper version control of developed software.
- Develop and submit estimates on cost/time as well progress reports.
- Develop specifications, design, and implementation of software tasks as well as their final integration, and deployment.