

# Christopher F. Varro

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## Education:

University of Minnesota, Minneapolis, MN  
Overall GPA 3.6 out of 4.0

B.S. in Computer Science  
March 1999

## Skills Profile:

- Skilled architect and developer on large and small scale web development projects.
- More than 9 years experience developing enterprise-level applications with a strong focus on web technologies.
- Experienced using .NET technologies: C#, ASP.NET, ADO.NET, WPF, Enterprise Services, .NET Security, Web Services, XML/XSL/XSLT, and Visual Studio.NET (2008, 2005).
- Extensive involvement in all stages of application development including requirements gathering, effort estimation, logical and physical architecture modeling, design, development, implementation and support.
- Strong Oracle and SQL Server database experience including tuning, table design, and stored procedure development.

## Work Experience:

### Senior Software Engineer

November 2007 – Current

Lawson Software, St. Paul MN

- Senior developer on a team responsible for designing and building a new Business Intelligence WPF based User Interface using Microsoft technologies (.NET 3.5, WPF, C#, Visual Studio 2008, SQL Server 2005)
- Built internal charting engine for data visualizations with custom controls leveraging ChartFx for WPF.
- Work in close collaboration with a development team spread across multiple countries and cultures.
- Participate in requirements gathering, time estimates, and planning using two week Agile-based development iterations.

### Development Lead / Senior Software Engineer

December 2001 – November 2007

GMAC-RFC, Minneapolis MN

- Resource manager for development team (Interviewing, Resource Allocation, Employee Reviews, Mentoring)
- Primary responsibilities include architectural design and lead development of enterprise mortgage web applications based on Microsoft technologies (.NET, C#, ASP.NET, etc.)
- Involvement in all stages of application development process including requirements gathering, effort estimation, project planning, design, development, deployment, and support.
- Participate in the development and enhancement of internal development methodology with other tech leads.
- Manage production application deployments into the enterprise environment to ensure product availability

### Consulting Software Engineer

August 2001 – December 2001

Solution Design Group, St. Paul MN

- Design and develop middle tier (COM+ using VB) and XML for use in enterprise web service applications
- Perform requirements gathering, time estimates, and participate in the creation of project plans
- Maintain communications to ensure projects are completed on time and within budget guidelines

### Software Engineer / Internet Developer

March 1999 – August 2001

Camworks / Zamba Solutions, Minneapolis MN

- Design, develop, and manage a wide variety of web-based applications including large-scale projects based on Microsoft (ASP, COM, MTS, Site Server) and Java technologies.
- Design, implement and manage database systems, models, and stored procedures (T-SQL) for SQL Server
- Develop COM+ components using Visual Basic for use with ASP via Component Services
- Maintain client communications to ensure projects remain within timeline and budget constraints

### Software Developer / Assistant Unix Administrator

Summer of 1997 and 1998

Tennant Co., Minneapolis MN

- Develop and maintain database applications for engineering records department focusing on a year 2000 compliance plan for the conversion of engineering records.
- Design and implement CAD/CAM department intranet using Java, HTML and JavaScript
- Extensive development of Unix shell programming scripts using Korn and Bourne Shell

## **Internet Technical Support Representative**

September 1997-June 1998

University of Minnesota, Minneapolis MN

- Provide walk-in, phone and email technical support to University of Minnesota Internet users
- Troubleshoot system configuration and network problems across multiple platforms
- Research, develop, and document solutions to recurrent problems

## **Large Project Experience:**

**GMAC-RFC** – Lead developer on team developing enterprise web applications in .NET (C#) technologies. Application focus areas include Loan Origination Systems, Investor Reporting, Regulatory Compliance Engine, User Authentication and Administration Systems using .NET technologies.

- *Regulatory Compliance Systems.* Developed a middleware solution to process over 35,000 loans per month through regulatory and compliance validation to ensure compliance with state and federal laws. The solution used C#, XSLT, Web Services, and an Oracle backend.
- *External Closing Documents on the Internet.* Lead developer of a 10 person team. Developed an enterprise web application that allows external clients to modify loan data and generate loan closing packages via the internet. Solution handles over 15,000 loans per month allowing broker users to manage the closing process autonomously. The solution used C#, ASP.NET, Web Services, Enterprise Services, and an Oracle backend.
- *Authentication and Administration Systems.* Developed an enterprise web solution to manage over 150,000 external user accounts. The solution used C#, ASP.NET, ADO.NET, Web Services, and a SQL Server backend.
- *Investor Reporting.* Developed an enterprise web solution to distribute large volumes of financial metrics to the investment community. The solution used C#, ASP.NET, ADO.NET, Web Services, and a SQL Server OLAP backend.

**Prometric / Thompson Learning** – Member of a development team in charge of creating a Gateway Interface for over 1000 installed clients to a new SQL Server 2000 database backend. Design and create COM+ components using Visual Basic and XML.

**MyCereal.com** – Technical Architect and developer for a General Mills e-commerce business that provides personalized breakfast cereal on-line. Engaged from the sales process through development and ongoing site maintenance. Acted as the lead technical analyst for the *Cereal Builder* recommendation engine. Worked in a senior software engineer role on a 20+ person team through the lifecycle and completion of the first phase of the 15+ month project using VB/COM and ASP with a SQL Server backend.

**Itility.com** – Acted as a technical consultant and developer for an Internet startup building a business in the workforce procurement and management solutions industry. Worked as a COM / MTS Lead developer on a 10+ person team through the lifecycle of the 6 month project.

**Homeservices.com** – Software developer for this startup housing services company. Participated in the development of their initial web site applications.

**GeneralMills.com, ChexMix.com, Specialty.GeneralMills.com, etc.** Software developer for various General Mills brand websites. Acted as a lead COM / ASP developer on team responsible for establishing a commerce foundation for General Mills. Also focused on database design for the General Mills core e-commerce foundation.

## **Specific Technical Skills:**

Languages: Proficient in: C#, ASP.NET, T-SQL, WPF, Xaml, Visual Basic, ASP, HTML, XML, JavaScript (AJAX), COM/COM+

Applications: Visual Studio.NET 2008, 2005, Team Foundation Server, NUnit, SourceSafe, Subversion, SharePoint

Databases: Oracle, Microsoft SQL Server, and Access

Platforms: Windows Server 2003, 2000, Vista, XP, NT

Other: ADO.NET, ASP.NET MVC, XML, XSLT, Web Services, OOP, Enterprise Services, T-SQL, and Web Security

Methodology: Agile, SDP-21, Unit testing, Use Case development, TDD, and automated builds

## **References:**

Available on request