

# Chris Hambleton

[ChrisHambleton.com](http://ChrisHambleton.com)

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## Profile

**Summary:** Developer with proven experience in architecting and developing both web and client-server applications with ASP.NET 4.0, WPF, C#, SQL Server, AJAX, VB.NET, XML/XSLT, Visual C++, and Visual Basic. Recognized by managers, colleagues, and peers as a personable, dedicated performer who demonstrates innovation, communication, and teamwork to ensure quality, timely project completion.

- **Programming Languages:** ASP.NET (v4.0 and prior), WPF, C#, Linq, VB.NET, T-SQL, AJAX, Web Services, ADO.NET, XSLT, XML, XAML, Windows Services, Microsoft Office for Applications, RDLC, Visual C++, Visual Basic 6.0, JavaScript, HTML, CSS.
- **Databases:** SQL Server 2008/2005/2000, Microsoft Access, Oracle, XML/XSLT
- **Platforms and Misc:** Visual Studio 2010, WPF/LINQ, IIS, Windows 7, Vista/XP/2000 / Server 2003/2000, MS Office, DotNetNuke Framework (DNN 6), Photoshop
- **Other Skills:** All phases of the software development life-cycle (requirements, design, development, testing, release, support), utilizing multiple development methodologies, including Design Patterns, OOD, Extreme Programming, and Structured Programming.
- **Writing:** Have written eight books (and counting!) which are available on Amazon, BN, and Smashwords.

## Experience

**Williston Financial Group** – National title company providing insurance, underwriting, and other agent services.

Denver, CO

Sep 2010 – Current

### Software Engineer

#### Key Projects:

**AMS (Agency Management System):** Worked as the lead/primary developer on the AMS website, creating and supporting business-critical modules for processing remittance/billing files, generating policy-jackets and closing-letters, agent-managing, forms-ordering, policy-assignment/purchasing, and general site/database/user maintenance.

Developed a dynamic, flexible reporting system which uses XSLT to generate ReportViewer-compatible reports from SQL queries/procedures. Created a scanning/processing application to extract and process OCR data for policy-verification. Also created a Document Repository/Letter Generator system to improve the letter-generation process.

**Claims:** Developed the Claims handling website that tracks/reports claims, transactions, other claims-related data.

Technologies utilized: AJAX, C#, ASP.NET, Linq, SQL Server, XML/XSLT, IIS, WPF, VB.NET, VB, Access, DotNetNuke

**Policy Studies Inc** – Provider of outsourcing, technology, and consulting services for health, human services, and justice organizations.

Denver, CO

Dec 2007 – Aug 2010

### Software Engineer

#### Key Projects:

**TANF:** Managed and coordinated several software releases from development to QA and then to UAT and Production.

Developed various feature enhancements for the TANF ASP.NET web application. Created dozens of custom reports and queries used for state submittal packages and internal data analysis. Tools utilized – C#, ASP.NET, ADO, SQL Server 2005, CSS.

**IHS Inc.** – Leading global provider of critical technical information, decision-support tools, and related services to various industries.

Westminster, CO

Jan 2007 – Dec 2007

### Software Engineer

#### Key Projects:

**Specs & Standards:** Participated in the development and release of this global enterprise web application that provides technical documents and other sensitive information to high-end clients such as NASA, Boeing, DOD, and many other clients. Implemented features and solutions to satisfy the requirements, along with fixing numerous software defects identified by SQA and Customer Integration. Tools utilized – ASP.NET, C#, AJAX, Web Services, Windows Services, ADO.NET, XSLT, XML, CSS, JavaScript.

**NASA Metrics:** Architected and implemented this Windows service to extract specific metrics information from log files and store the entries in a SQL database. Later, the metrics data would be extracted from the database and transformed via XSLT into the schema specified by NASA, validated, and transferred to NASA. Tools utilized – ASP.NET, C#, Web Services, Windows Services, ADO.NET, XSLT, XML.

**United General Title Insurance** - \$400 million national title company providing insurance, underwriting, and other agent services.  
Denver, CO Feb 2006 – Jan 2007

### Software Engineer

#### Key Projects:

**Legacy Enterprise Application Migration:** Upon arriving at UGTIC, the two-man development team was tasked with porting all the existing databases and applications from ASP / VB6 / SQL 6.5 to the latest VS.NET 2005 technology. Re-architected and ported the company website and users from an ASP-based website to the DotNetNuke 4.x CMS framework. Developed an Enterprise Client-Server Object Framework and highly-flexible Code Generator to quickly develop high-quality, low-maintenance classes, objects, and modules that would be used across the enterprise and also easily fit into the DotNetNuke framework. Tools utilized – ASP.NET, DNN, C#, T-SQL, Atlas/AJAX, Web Services, Windows Services, ADO.NET.

**Electronic Remittance:** Architected and implemented an electronic remittance enterprise system for agent policy processing. Developed a processing engine and client-server application used to route, translate, and process submitted policy data-files. Migrated the existing BizTalk 2002 and VB6 policy processors to an XSLT-based framework that could be more easily maintained. Built history module, upload module, and mapping module for users to easily track policy batches and manage policy-file mappings. Designed and implemented various data providers that converted data from a wide variety of file formats such as Excel, MS Access, CSV, XML, and TXT into a standard XML format used in the processing component. Tools utilized – ASP.NET, DNN, C#, T-SQL, Atlas/AJAX, Web Services, Windows Services, ADO.NET, XSLT, XML, Excel Objects.

**Code Generator:** Designed and developed a data-aware, template-based Code Generator application, which generates C# UI-layers/components, business/data-tiers, and SQL stored procedures from database tables, XML files, or CSV files. The Code Generator was an integral component in the framework, dramatically reducing the amount of development time required for new software features. Typically, the Code Generator generated over 90% of the code used in the enterprise modules, objects, and controls. Tools utilized – VS.NET 2.0, C#, XML, ADO.NET, SQL Server 2005, Oracle, Access.

**Policy Studies Inc** – Provider of outsourcing, technology, and consulting services for health, human services, and justice organizations.  
Denver, CO Sept 2005 – Jan 2006

### Software Engineer

#### Key Projects:

**ADRC Web:** Developed this call-tracking web application and served as primary technical lead throughout the product's development process. Engineered this web application to be easily used as the framework for future PSI call-tracking web applications. Created a flexible, data-driven mechanism for the screening survey/collection mechanism that generates extensive survey forms described by a set of database records. Tools utilized – C#, Visual Basic.NET, ADO, SQL Server 2000, IIS, CSS.

**CTARA Client:** Served as project/tech lead for the CTARA development and release process and trained other contractors on the CTARA client-server system. This Windows Call-Tracking And Referral Application (CTARA) allows specialists to comprehensively document requests and provide agency referrals and materials. Enhanced the existing product with new features, improved existing features, and fixed software defects to bring the software into contractual compliance. Tools utilized – Visual Basic.NET, ADO, SQL Server 2000.

**Mercury Companies, Inc** - \$1 billion national, leading title company providing title insurance and other real-estate transaction services.  
Lakewood, CO Nov 2004-Sept 2005

### Web Software Engineer

#### Key Projects:

**Mercury Purchasing:** Co-developed a multi-company/branch web application for eCommerce use; designed, developed, and tested additional enhancements to the application. Added a CMS interface for administrators to easily manage and modify content. Designed and implemented an advanced online-catalog, which allowed vendors to add / modify products and product details, without having to involve the catalog manager or support personnel.

Successfully upgraded and put into production existing eCommerce web application from ASP.NET 1.1 to ASP.NET v2.0 while .NET v2.0 was still in Beta 1. Utilized Object Oriented Programming techniques to create reusable web components, causing a significant decrease in programming and maximizing resources. Mentored other developers on developing Web based applications and controls, architecting SQL Server databases and administrating Web Servers.

Used Extreme Programming methodology (XP) with other developers to commercialize existing internal web application, and applied ASP.NET 2.0 Themes/Skinning technology to allow other companies and portals to provide a different look and feel to their website. Worked directly with customers to resolve software-support / eCommerce issues, and issued timely resolutions to problems encountered. Tools utilized – ASP.NET 2.0, C#, Visual Basic.NET, ADO.NET, SQL Server 2000, IIS, XML.

**Code Generator:** Co-developed and enhanced Code Generator application (a strongly-typed Data-Access-Layer class generator), which automatically creates SQL stored procedures from database tables and the Data-Access-Layer classes, greatly reducing the amount of development time for new software features. Tools utilized – VS.NET 2.0, C#, Visual Basic.NET, ADO.NET, SQL Server 2000.

**ZOLL Data Systems** - \$16-million leading software company providing integrated EMS software solutions for EMS data management.  
Broomfield, CO Oct 2000 – Oct 2004

### Software Engineer

#### Key Projects:

**Field Data for TabletPCR:** Co-engineered this field-data collection product and served as 1 of 2 principle designers throughout the product's development process. Worked in conjunction with a UI consultant and a database developer to design a highly stable, flexible, and configurable field-data collection application.

This Windows TabletPC field-data system allows medics to comprehensively document incidents and patient data using pen-based or touch-screen computers in the field. The application reduces the amount of time needed to collect incident / patient data and improves cash flow by capturing billing information at the point of care. Tools utilized – C#, Visual Basic.NET, Web Services, ADO, SQL Server 2000, IIS, XML.

**EMS Pro:** Developed and maintained high-quality client, administration, and server applications for this Windows field-data collection product suite. Designed and implemented a system API to allow third-party applications to interface with the field-data system. Added / enhanced many product features to increase system stability and usability.

Worked directly with customers to resolve software-support issues, and issued timely resolutions to problems encountered. Collaborated closely with other development team members, quality assurance, documentation, and other departments to define, implement, and release new software functionality to the existing product suite. Tools utilized – Borland C++ Builder, Visual Basic 6.0, Visual C++, Installshield, ADO, XML, COM / ActiveX, Sybase SQL database.

**STORM, LLC** - Developer of Windows Server performance monitoring software and file-system performance-enhancement software.  
Los Gatos, CA Sept 1999 – Jun 2000

### Application Developer

#### Key Projects:

**StatSTORM:** Developed Windows performance monitoring software for Windows NT / 2000 / Server systems. This was a desktop application that allows administrators to create custom counters, alerts, and snapshots to track Windows Perfmon counters and other system statistics.

Collaborated closely with marketing and customers to develop functional requirements and user-interface specifications. Participated in focus groups to design performance software API and user-interface. Tools utilized – Microsoft Perfmon API, XML, STL, ActiveX, COM, InstallShield, MFC, Visual C++.

**Mainsoft Corp** – The market leader in cross-platform development for Linux, Unix, and Windows software.  
San Jose, CA Feb 1999 – Sept 1999

### Development Support Engineer

Utilized engineering skills to support Software Developers in using Microsoft technologies on Unix. Served as the primary liaison to clients (mostly senior engineers) to identify, investigate, log, and resolve customer problems.

Developed COM, MFC, ATL and OLE sample applications to reproduce customer problems and worked closely with other Software Developers to provide software solutions promptly. Fixed various bugs in MainWin product to provide quickest possible resolutions to customer issues. Used excellent communication (written & verbal) and strong problem solving skills to provide solutions to customers in a clear, concise, and timely manner. Tools utilized – Unix shell scripts, ActiveX, COM, Win32, MFC, and Visual C++.

**Silicon Gaming** - Developer of high-end video slot machines and gaming software.  
Palo Alto, CA Jun 1997 – Dec 1998

### **Build Engineer / Software Toolsmith**

Developed automated build/release tool used to build the media for the Odyssey slot machine games and platforms. Automated the process of generating Engineering documentation, the documentation sign-off process, and submittal packages. Created and validated Compliance "Virtual Submittal Boxes" to ensure an efficient, release process from Engineering to Compliance. Created all SQA software media, Engineering and Document Control masters and formal Submittal media. Served as the System Administrator for the Build Station and other systems in the Build Lab. Created media products for Sales, Marketing and Customer Support. Tools utilized – VB6, MFC, Visual C++.

### **Software Test Engineer**

Developed the "monkey" automation tool for testing real-time, multi-threaded Odyssey slot machine games and platforms. Developed a tool for verifying game accounting data. Implemented scripting capabilities into the automation tool to provide recording, playback, and verification processes of functional, stress, and regression tests.

**Ventritex, Inc** (contractor) - Developer of implantable defibrillators and monitoring products.  
Sunnyvale, CA

Jun 1996 – Jun 1997

### **Software Test Engineer**

Developed test scripts / software to test and validate defibrillator device software. Automated existing manual test procedures. Designed test procedures to validate software requirement families for FDA approval. Developed new processes for simplifying/standardizing the automated validation testing processes. Used formal test design processes to develop new test cases and edit existing test procedures to fit the product requirements. Tools utilized – Word, C++.

**Silicon Graphics, Inc (SGI)** - Developer high-performance computing, storage, and visualization technology.  
Mountain View, CA

Nov 1995 – Jun 1996

### **Electronics Technician II**

Utilized diagnostic software to test, isolate and troubleshoot failures on midrange workstation graphics sets. Used UNIX to configure new systems and set network environments. Set up and maintained new test stations and function test ovens.

*References are available upon request.*

## **Education**

**Bachelor of Science in Electronics Engineering**, DeVry University, Phoenix, AZ (October 1995) – Magna cum Laude

## **Software / Web Portfolio**

[BookBlitzer.com](#) Website that offers book-review services, contests, and networking for book-authors.

[CustomersInFocus.com](#): Website that offers a variety of small business web-portals and consulting/development services.

[EzekielWatch.com](#): Website that offers extensive commentary on Ezekiel 36-39, with national information, RSS feeds, etc.

[High Country Brass](#): Website for a Colorado drum-and-bugle corp with event calendars, message boards, and more.

[iWriterPro](#): WPF software (and website) that assists authors in writing books.

[WalkBuilder.com](#): Website that offers church websites, small group websites, and freeware/shareware Bible software.

## **Author / Writing Portfolio**

**The Castors of Giza** – An epic novel about building the Great Pyramid in ancient Egypt.

**Ezekiel Watch** – A study/commentary on the Bible passages of Ezekiel 36-39, Psalm 83, and today's Middle East conflicts.

**On the Precipice** – A study/commentary on the Book of Hosea and how modern America closely parallels ancient Israel.

**The Siege of Zion (TTOJT #3)** – The last novel in "The Time of Jacob's Trouble" (TTOJT). From the Desecration to the End.

**The Son of Shinar (TTOJT #2)** – End Times novel that chronicles the Rosenberg family from 70<sup>th</sup> Week to the Desecration.

**The Last Aliyah (TTOJT #1)** – First novel in an End Times trilogy that chronicles an Israeli family in the midst of coming wars.

**The Cell (Twilight's Last Gleaming)** – Novel that looks ahead 10-20 years in America following the Great Recession.

**Endeavor in Time** – Science-fiction novel centered around the space-shuttle program in the early 1990's.