

QUALIFICATIONS FOR SOFTWARE ENGINEERING

Offering seventeen years of experience in **web and desktop development** with full product life-cycle development, including product conception, financial analysis, software design, software development, beta testing, and product maintenance. My extensive background highlights an expertise in **web development and windows application development using the latest Microsoft technology**, along with the ability to conduct database migration and data manipulation, redesign existing software, develop N-Tier and multi-threaded software, and create network and client/server applications.

TECHNICAL PROFICIENCY

C# .Net • ASP.NET 3.5 (2.0) • LINQ and Lambda Expressions • AJAX • PHP
Silverlight • Windows Phone 7 (WP7) • Web Services • SQL Server 2005/2008 • Multi Threading
Stored Procedures • Smart Device Development (Windows Mobile, Android)

PROFESSIONAL EXPERTISE

Web Development • Software Development • Project Management • Software Architecture
Research & Development • Process Improvement • Systems Analysis

NOTABLE ACCOMPLISHMENTS

- Developed internal application allowing sales agents to switch to a paperless mode of entering customer's information, which doubled the company's revenue from sales calls.
 - Created online lead generation application for health insurance company, generating an extra \$20M for FY08
 - Created (**patented**) technology which monitors visitor's presense on the website. If the visitor leaves the site before completing an online application, the visitor is immediately called on the phone (using click-to-call technology). This was called Abandoned Callback
 - Developed a data storage application, saving a company an estimated \$5M per year.
 - Led a team which designed an internal invoice tracking application, which checked for double-billings and discrepancies in accounts payable and saved \$3M within the first month.
 - Discovered and corrected resource issues with an old version of the flagship product, allowing a company to earn an additional \$9M for FY01 and \$12M for FY02.
 - In 2002, I helped Symantec develop a signature file for the Nimda virus.
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EDUCATION

- **Bachelors in Computer Science – 2000**
University of Oklahoma
 - **Masters of Computer Science – 2003**
University of Oklahoma
 - **Certification, Borland C++**
Moore-Norman Vo-Tech
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RESUME CONTINUES

EMPLOYMENT OVERVIEW

Freelance / Contract Consulting

Senior Developer

Mar 2009 – Present

Created admin website using Silverlight, which allows a manager to change settings for multiple websites and servers. Created and maintained external and internal e-commerce and management websites using C# 3.5, Silverlight, AJAX, LINQ (LINQ to SQL, LINQ to Objects, and LINQ to XML), and PHP. Created real-time dashboard using Flex and Adobe Flash 3 (displays call volume, call duration, and other sales related metrics). Created internal C# desktop applications and windows services (with creation of custom controls). Developing Windows Phone 7 applications using Silverlight 4 and XNA 4.

Additional duties and projects include:

- Installation and Administration of Team Foundation Server
- Create and maintain custom MSI installer scripts and deployment packages for desktop applications
- Created sales portal web application which allows tele-sales agents to read scripts, run credit checks on potential customers, create sales entries, and interface with the VOIP telephony system.
- Created a children's game website using Silverlight and AJAX

I used the following technologies: **C#.NET 3.5, Silverlight, XNA, LINQ to SQL, LINQ to Objects, LINQ to XML, SQL Server 20082005, XML, Multi Threading in C#, ASP.Net 3.5, Adobe Flash 3, Flex Builder, Visual Studio 2008 Team System for Developers, PHP**

Health Benefits Direct

Senior Web Developer

Nov 2006 – Feb 2009

Created and maintained external and internal e-commerce and management websites using C# 2.0 and AJAX (later upgrading to C# 3.5, AJAX, and LINQ), and Silverlight. Created internal C# desktop applications and windows services (with creation of custom controls). Created custom web controls for external website projects. Create custom HTTP handlers to help automate tasks for both internal and external websites. Created tracking pages and scripts for email marketing campaigns (tracks email opens, click throughs, etc).

Additional duties and projects include:

- Installation and Administration of Team Foundation Server
- Created lead-gen and advertisement sites using Silverlight
- Created timesheet site using Silverlight and AJAX
- Create and maintain custom MSI installer scripts and deployment packages for desktop applications
- Wrote dll to intercept outgoing email on Exchange server and add vcard attachment and HTML signature to email. Uses active directory to decide who should receive attachment, and what format to use for attachments.
- Created (**patented**) technology which monitors visitor's presense on the website. If the visitor leaves the site before completing an online application, the visitor is immediately called on the phone (using click-to-call technology). This was called Abandoned Callback
- Created Content Management System, which allows webmasters to generate and edit website content. Later expanded the system to allow forms and some form controls to be saved to the system as well. This allows website content to be dynamically generated and edited, without needing to rebuild/recompile the website.

RESUME CONTINUES

EMPLOYMENT OVERVIEW - CONTINUED

Health Benefits Direct - Continued

- Created a web camera monitoring application for Windows Mobile Devices (5.0/6.0+). The application allows the company managers to monitor the internal cameras while the managers are away from the office. The application includes motion detection notification (via email/sms), active recording and streaming, and saving of selected video streams to an external server.

I used the following technologies: **C#.NET 3.5, Silverlight, LINQ to SQL, LINQ to Objects, LINQ to XML, SQL Server 2008/2005, XML, Multi Threading in C#, ASP.Net 3.5, Visual Studio 2008 Team System for Developers, Adobe Flash, Adobe Flex 3**

Alliance Entertainment

Senior Web Developer

Jan 2006 – Oct 2006

Created and maintained the Entertainment website for Circuit City. Converted ASP 1.0 (Classic ASP) websites to ASP.NET 2.0 (VS.NET 2005). Developed unit tests with Visual Studio Team Systems for Developers. Created custom web controls (ascx). Created web control libraries (dll). Web applications were developed to use Microsoft Application Blocks 2.0. Created web services for handling multiple server caching management and synchronization. Created asynchronous web pages.

I used the following technologies: **C#.NET, SQL Server 2000/2005, XML, N-Tier Development, Multi Threading in C#, ASP.Net 1.0, ASP.NET 2.0, Visual Studio 2005 Team System for Developers, Microsoft Application Blocks 2.0**

Home Suite Software

Software Developer

Aug 2005 – Jan 2006

Designed and developed flagship desktop application (using C#.NET). The application runs in one of three modes: standalone (client and MSDE server on same pc), small office (MSDE server on separate pc, multiple client pc's), corporate (SQL Server or Oracle server on dedicated server, multiple internal and external client pc's). The application is designed to allow the user to disconnect from the main database server (the application is portable for use on a laptop), and can resynchronize data once the user has re-established contact with database.

I used the following technologies: **C#.NET, SQL Server 2000, XML, N-Tier Development, Multi Threading in C#**

Campus Management

Software Developer

Aug 2004 – Aug 2005

Developed software patches and new enhancements for flagship desktop application (using Visual Basic 6 and C#.NET), and developing new enhancements and webservices for web portal application (using C#.NET and ASP.NET). The two applications run together or separate, and provide full CRM and student information tracking for universities.

I used the following technologies: **C#.NET, ASP.NET, XML Web Services, SQL Server 2000, HTML, XML, N-Tier Development, Visual Basic 6, Multi Threading in C#**

EMPLOYMENT OVERVIEW - CONTINUED**Anonymous Cash (Russia)****Software Developer****June 2004 – July 2004**

Completed development of online financial application and e-commerce system. Organized and moderated meetings between banks and established financial companies in Russia. The system was designed to give Europeans, specifically Russians, the same e-payments utilities as exist in the US (ie. Bill pay, pre-paid debit cards, checking to checking transfers).

I used the following technologies: **C#.NET, ASP.NET, XML Web Services, SQL Server 2000, HTML, XML, Cryptography, IIS 5, N-Tier Development, Smart Device (Pocket PC / Win CE) Development, Multi Threading in C#**

Via Cell**Manager of Software Development/Software Developer****Dec 2003 – May 2004**

Oversaw the full product life-cycle of an online financial application. The application functioned as a “Virtual Wallet”, allowing users to create an account and fund the account using Credit Card, Checking ACH, money order, etc. Merchants could then debit the user’s account, and the funds were transferred from the user’s account to the merchant’s bank account. Managed a team of three developers, two financial consultants, and five quality assurance personnel. Organized and moderated meetings between banks and the development team. Mentored team in development of the website using ASP.NET and C#.NET. Developed backend utilities for communications with banks and credit card portals. Created SQL Server 2000 stored procedures.

I used the following technologies: **C#.NET, ASP.NET, XML Web Services, SQL Server 2000, HTML, XML, Cryptography, IIS 5, and N-Tier Development, Multi Threading in C#**

Merlin981 (Russia)**Project Manager/Software Developer/SQL Server DBA****Jan 2003 – Nov 2003**

Oversaw the full product life-cycle of a massive multiplayer online role playing game. Managed a team of three US personnel and 10 Russian personnel from locations in Russia and America. Organized and facilitated development methods and timeframes for release of product. Created three-tier network environment using Visual Basic, C#.NET, and SQL Server as the backend.

Development of massive multiplayer online role playing game used the following technologies: **Visual Basic 6, C#.NET, SQL Server 2000 (DBA), Visual C++.NET, COM/DCOM, ASP, HTML, XML, Cryptography, OOP, IIS 5 (DBA), N-Tier Development, Install Shield, Multi Threading in C# and VB6**

Homes.com**Desktop Development Manager/Project Manager/Software Engineer** **Oct 2000 – Jan 2003**

Oversaw the full product life-cycle of a new version of flagship software, while managing ten personnel responsible for said software. Organized and facilitated development methods and timeframes for release of product and service packs. Acted as the intermediary between in-house software testers, quality assurance teams, and desktop developers. Created a three-tier network environment for the software using Visual Basic and SQL Server 2000 for the backend. Ported project to C#.NET at end of product lifecycle to begin new product. Produced Palm conduits for syncing the user database with Palm pilots running Palm OS 3 or greater.

RESUME CONTINUES

EMPLOYMENT OVERVIEW - CONTINUED

Homes.com - Continued

Development of flagship software used the following technologies: **Visual Basic 6, C#.NET, SQL Server 2000, Metrowerks For Palm OS v8.0, MTS, IIS 5, Oracle 9i, OOP, COM/DCOM, N-Tier Development, XML, Cryptography, Linux, Shell Scripting, UML, Java (porting one application for plug-in to flagship app), Multi Threading in VB6**

More Information:

Please contact me for a list of positions held prior to October 2000. Thank you.