Senior level Software designer and developer, with strong trouble shooting skills, versed in .Net technology including ASP.NET, WCF, WPF, Windows Forms, Web Services, ADO.NET, LINQ and SQL Server 2000/2005, 2008, 2012

**Software Summary:**

**Operating Systems:**  Windows 8/Windows 7/ VISTA 32/64 bit, server 2012/2008/2003 Server, Windows XP, VMWARE

**Client Server:** Web Services, WCF

**User Interface**: HTML, HTML5, ASP.NET, Windows Forms, WPF, JQuery, AJAX

**Databases:** SQL Server 2012, 2008, ORACLE 8i/9i

**Languages:** C#, VB.NET, C++, C, DHTML, JQuery, JavaScript, CSS, XML, Actuate Basic, Stored Procedures, DLINQ, XLINQ

**Developer Tools:** UML (Visio), Microsoft Visual Studio.Net 2012, 2008, Actuate Developers Workbench, Siebel, ComponentArt, Infragistics, Telerik, Google Charts

**Source Control:** Microsoft TFS, VSS, Perforce, Vault

**Desktop:** Windows Forms (winforms), WPF

**Design Patterns:** Flyweight, Data Transfer Object (DTO), Class Factory, Singleton, Finite State Machine, Observer

**Security:** PortSight, custom forms authentication, encryption, Active Directory (AD)

**Media Editing:** AdobePhotoshop CS6/CS5/CS4, Photoshop Lightroom

**Browsers:** IE8, IE9, FireFox, Safari, Chrome, Opera

**Networking:** TCP/IP, UDP

**Backend Development:** DLINQ, ADO.NET, TSQL, PL/SQL, Entity Framework

**Experience Summary:**

Note: This has been truncated to show experience since 2002. A longer version is available upon request.

**Senior .NET Software Consultant (March 2010 - Present)**

**Client: CISCO**

**Location: San Jose, CA**

Developed, tested and deployed highly interactive intranet web portal/dashboard for two major lines of management within the Emerging Technologies Group: corporate sales, and General Managers. As the primary Web developer of the 3-person development team, generated the user interfaces and the associated logic using various web tools and languages.

For the Sales group, developed pages and components forming a SalesForce.Com data-consuming portal that utilized the CRM’s stream of raw data to produced customized views for the multi-tier Sales management group. In short, the portal automated the process of extracting and transforming the SalesForce.com raw data, producing Bookings, Pipeline, Forecasting, Stack Ranking, Hierarchy/Plan Management and various other forms, views and reports. The data was presented in tabular format as well as charts and graphs. It was possible for a manager to look at various levels of Sales process complexity from general/summary to very detailed views by drilling down successively through the presentations layers from a single page perspective.

For the General Managers Group, the approach taken was to create a very modern Dashboard design that was at the same time elegant and easy to use. The UI look and feel was a high contrast, Dark theme, with colorful graphs, status indicators, interactive charts and tables. This application was completely Cross Browser and mobile tested and supported.

|  |  |
| --- | --- |
| * VB.NET | * SQL Server 2012/2008R2 |
| * ASP.NET | * WCF |
| * AJAX | * LINQ |
| * JQuery | * Framework 4.0/4.5 |
| * JavaScript | * TSQL |
| * ComponentArt | * CSS |
| * Entity Framework | * Google Charts |
| * Telerik | * Cross Browser |

**Senior .NET Software Consultant (October 2009 - February 2010)**

**Client: Clear Wave Software**

**Location: Modesto, CA**

Architected, Designed, and coded a multithreaded TCP/IP and UDP framework component that provided seamless integration of a TCP/IP wrapper, session management, transaction management, and a class factory to present the consuming developers a transparent method of developing multicast applications without the need to develop the necessary networking infrastructure.

|  |  |
| --- | --- |
| * C# | * Complex multithreading |
| * Winforms | * Class Factory Pattern |
| * Singleton Pattern | * TCP/IP and UDP |
| * Visual Studio 2008 | * Framework 3.5 |

**Senior .NET Software Consultant (*June 2006 – August 2009)***

**Client: Cordblood**

**Location: San Bruno, CA**

Architected, developed, tested and deployed multithreaded Stem Cell Lab middleware, XML extraction and merge tools for 3rd party software Witness and CallMiner, Document Image web portal, Customer Web Portal (as part of a 3 person team), Customer Support Rep. (CSR) tool. Software was authored using the latest Microsoft Visual Studio 2008, Framework 3.5 and ASP.NET, LINQ, C#, Generics, Windows Forms in a TFS environment, (Winforms) SQL Server 2005, CSS, JavaScript, Flash Movie players. As part of the analysis and design phase, worked with other developers and Marketing groups, Business Analysts, Siebel Developers, Accounting Personnel, Customer Sales Support, and Lab Management to develop complete plans and architectures.

|  |  |
| --- | --- |
| * C# (3.5) | * HTML, CSS, JavaScript |
| * ASP.NET Forms, user/custom controls | * ADO.NET |
| * LINQ (XLINQ, DLINQ) | * SQL Server 2005, 2008 |
| * Triggers, Stored Procedures, Views | * T-SQL |
| * Witness / CallMiner | * Multithreading |
| * Reflection | * XML |
| * Regular Expressions | * Windows Forms (Winforms) |
| * Streaming Flash Video integration | * PDF |
| * Custom Event processing | * Portal Development |
| * WCF | * Actuate |
| * Siebel | * nHibernate |
| * VBScript/ASP Conversion to C# and ASP.NET | * Jobs Scheduling |

**Senior .NET Software Consultant (*November 2005-May 2006)***

**Client: AAA CSAA**

**Location: San Francisco, CA**

Architected, developed, tested and deployed, from ground up, a 3 tier framework to encapsulate the company’s future applications. Administration interface, Membership Reporting and Management were the first of many applications developed using the multi-tier framework. The entire system was written in C#, ASP.NET and SQL Server 2000.

|  |  |
| --- | --- |
| * C# | * HTML, CSS, JavaScript |
| * ASP.NET Forms, user and custom controls | * ADO.NET Transaction Management |
| * Authentication and granular administration of users, groups and resources, customizable group level startup menus. | * SQL Server 2000 / T-SQL |
| * Compression | * Help Authoring |
| * Reflection | * XML |
| * Regular Expressions | * Administration |
| * Streaming PDF | * Streaming EXCEL |
| * Delegates / Event processing | * Strongly named C# Assemblies |

**Senior .NET Software Consultant (*May 2005 - July 2005)***

**Client: *AMR (American Medical Response).NET Software Consultant***

**Location: Modesto, CA**

Refactored and enhanced an ASP.NET Workflow application that documents ambulatory care and records an audit trail of any activity performed by the various departments during pre-billing. Part of the enhancements included the addition of ASP.NET custom controls and installation, configuration and integration of "PortSight" Security package into the application.

|  |  |
| --- | --- |
| * C# | * Infragistics |
| * ASP.NET | * SQL Server 2000 / stored Procedures |
| * Security (Portsight) | * CSS |
| * VSS | * ADO.NET |

***Senior .NET Software Consultant ( April 2005 -May 2005))***

**Client: *TravelPost.Com***

**Location: San Francisco, CA**

Authored new ASP.NET web pages, User Controls and business logic components for travel / hotel related internet site. Made extensive use of the *Flyweight* design- pattern to keep memory usage to a minimum and performed much refactoring to streamline the existing code base. In addition, performed query optimization to enhance the performance of the database.

|  |  |
| --- | --- |
| * C# | * Design Patterns |
| * ASP.NET | * Postgres SQL |
| * Mono (Open source version of .NET) | * CSS |
| * VSS | * ADO.NET (strongly typed datasets) |

***Senior .NET Software Consultant ( January 2005 -March 2005)***

**Client: Weber Stephens**

**Location: Palatine, IL**

Architected, Designed, Coded and integrated ASP.NET Parts order entry application that integrated with Flash hyperlink-enabled schematic images, allowing drill-downs to detailed views. The application allowed users to select parts and place in a shopping cart and forward to Siebel for final processing.

|  |  |
| --- | --- |
| * C# | * Siebel 7.7 COM API |
| * ASP.NET | * SQL Server 2000 |
| * Javascript | * CSS |
| * UML | * Windows 2003 |

***Senior .NET Software Consultant ( December 2004 - January 2005)***

**Client: Countrywide Financial Performance Management Group (PMG)**

**Location: Agoura Hills, CA**

Designed UML Use Cases, Sequence Diagrams and developed new presentation and service layer features for an Intranet portal application. The line items included *User Preferences* and *User Administration*. The UI was written in C# with ASP.NET and Infragistics UI components. Stored procedures were used extensively with SQL Server 2000 on the back end, and large amount of data was delivered to the front end using the Data Transfer Object (**DTO**) design pattern for better front end performance.

|  |  |
| --- | --- |
| * C# | * Web Portal |
| * ASP.NET | * SQL Server 2000 |
| * Javascript | * XML / HTML |
| * CSS | * Design Patterns |
| * UML | * Infragistics |

***Senior .NET Software Consultant ( October 2004 – December 2004)***

**Client: Wells Fargo Bank**

**Location: San Francisco, CA**Provided ASP.NET enhancements for an intranet Finance Portal, using   
VB.NET in a Visual Studio 2003 environment. This enhancement included   
Client side scripting with DHTML, Server side codebehind and ASP.NET   
User Controls

|  |  |
| --- | --- |
| * VB.NET | * Web Portal |
| * ASP.NET | * Oracle 8i/9i |
| * JavaScript | * XML |
| * CSS | * HTML |

***Senior .NET Software Consultant (August 2004 – October 2004)***

**Client: California Employee Development Division (EDD).**

**Location: Sacramento, CA**

Developed Code to implement use cases for EDD's Personal Family Leave application, using the Magenic software framework for a foundation.

|  |  |
| --- | --- |
| * VB.NET | * Custom Business Objects |
| * Remoting | * Magenic Framework |
| * SQL Server 2000 | * XML |
| * Windows forms (Rich Client) in n-Tier environment |  |

***Senior .NET Software Architect / Developer ( April 2004 to July 2004)***

**Client: Clark Pest Control**

**Location: Lodi, CA**

Set up an MSCRM environment for the sales group, educated other programmers in Microsoft .NET fundamentals, analyzed and architected an HR and Payroll system. The output of the analysis was a requirements document complete with diagrams and use cases.

|  |  |
| --- | --- |
| * ASP.NET with Custom Server Controls | * C# |
| * VS.NET | * Infragistics 2004 |
| * SQL Server 2000 | * Windows 2003 Server |
| * XML | * ADO.NET |
| * Design Patterns |  |

***Senior .NET Consultant ( Feb 2004 to April 2004)***

**Client: Super Stores Incorporated**

**Location: Lathrop, CA**

Converted a job scheduling, web application from ASP/VB6 to ASP.NET with C#. The code was originally written with a lot of client-side functionality, but did not take advantage of server side controls. In addition, created many custom-server controls and added CSS and other dynamic qualities to improve their appearance.

|  |  |
| --- | --- |
| * ASP.NET with Custom Server Controls | * C# |
| * VS.NET | * DHTML |
| * JavaScript | * SQL Server 2000 |
| * XML | * ADO.NET |

***Senior .NET Consultant (August 2002 – May 2003)***

**Client: Synovation, Inc.**

**Location: Modesto, CA**

System Architecture, design and coding: Provided UML Class Definitions and prototyped C#.Net code spanning ASP.Net / Windows Forms Clients to Web Services middle tier and MS SQL Server / ADO.Net backend for the new software Framework. Designed and developed XML based, compressed and encrypted messaging between the client and the Web Services. Used the *Class Factory* and *Singleton* design patterns.

|  |  |
| --- | --- |
| * ***Visual Studio.Net Architect*** | * ***Windows/XP Pro & Windows 2000*** |
| * ***C# .Net & VB.Net*** | * ***ASP.Net*** |
| * ***Web Services*** | * ***Windows GUI*** |
| * ***UML (Enterprise Architect)*** | * ***MSMQ*** |
| * ***Email*** | * ***Reports*** |
| * ***Compression / Encryption*** | * ***Java*** |
| * ***ADO.Net*** | * ***Multi-threading*** |

**Education Summary:**

**Indiana University** – Bloomington, Indiana

BA in Biological Sciences

**Purdue University** – Hammond, Indiana

Computer Information Systems

## UC Berkeley Extensions – Mountain View, CA

Unix Internals, C++ Programming, C++ with MFC

**IBM** – Chicago, Atlanta and San Jose

Object Oriented Principles, Object Oriented Database, DB/DC programming, VSAM, IMS, Structured Design Techniques, Software Engineering, Communications, VTAM and SNA Programming.

## Visa International – Foster City, CA

MicroFocus Cobol

**Actuate Corporation** – South San Francisco, CA

Developer Workbench I

#### Developer Workbench II

Administering Actuate e.Reporting Server

Creating an e.Reporting Server Web Site

Hands-on Practice

##### Nortel Networks (Clarify) **– San Jose, CA**

Clear Fundamentals

Clear Support/Clear Helpdesk

Data Modeling

Also Constant Self-Education to keep up with the latest technology.

Professional and personal references furnished upon request.