

Name: Senior .Net Developer**Technical Skills Summary**

Languages: C#, T-SQL, JavaScript, jQuery, AJAX, VB.NET, Java, HTML/CSS, XML (XPath, XSD, XSLT), WSDL

Databases: MS SQL Server (2000, 2005, 2008), ORACLE (8.1),

Technologies: .NET Framework (4.0), ASP.NET, MVC .NET, ADO.NET/Entity Framework, LINQ, AJAX, SQL Reporting Services (SSRS), REST Web Services, LINQ, Visual Studio, SOAP, WSE 3.0, NHibernate, Winsor, Microsoft Unity Container, Knockout, Bootstrap, Microsoft Team Foundation Server (TFS), Moq, WebSockets, SignalR, Amazon Web Services (AWS)

Education

North Carolina State University. Raleigh, NC
1991–1996 Bachelor of Science. Environmental Engineering

Professional Experience Summary

Metabolon. Durham, NC
Senior Software Engineer.

August 2015 – PRESENT

Tech lead for Report Generator, a WinForms desktop application designed to automate the creation of statistical sample result reports in Microsoft Word format. By introduction of this new application into the workflow process, delivery time for report generation per client project was reduced from a two-week period requiring two on-site statisticians to an 8 second process initiated by single button-click. Report Generator was completed and released into production within a single two-week development cycle.

Following production deployment of Report Generator, I was assigned to the Precision Medicine initiative. My role in this project was the integration of Report Generator's core functionality into Metabolon's web-based mLIMS system (Webforms) and included C# windows services, middle-tier C# libraries and C# WCF services. Development responsibilities also included extensive work building Oracle database packages, functions, and procedures. Interviewed candidates for open positions and mentored junior developer team members.

Technologies: ASP .NET 4.5, C#, WCF, REST API, Winforms, Javascript, CSS, XML, Oracle, ASP.Net AJAX, CSS, DevExpress, WCF, JavaScript/jQuery, R, R Scripting

Consulting Experience Summary

TEKSystems, Inc. Raleigh NC
Senior Software Engineer, LexisNexis (6 Month Contract)

February 2015 – August 2015

- Agile team development for IQ 2.0, a series of C# microservices designed to interact with and coordinate data exchange between Exchange servers APIs and CRM application APIs hosted on remote AWS servers. The microservices were managed from a .NET MVC web portal using Signal R to asynchronously broadcasts requests and receive responses.

Technologies: ASP .NET 4.5, ASP .NET MVC, C#, WebSockets, XAML, Javascript, , AJAX, JavaScript/jQuery, Amazon Web Services (AWS), Exchange Web Services (EWS), Microsoft SQL Server 2013, Kendo, Bootstrap

BioCryst Pharmaceuticals, Inc. Raleigh, NC**2007- 2010**

Independent Contract Programmer

- Contract ASP.NET/C# development for web portal designed to provide inventory tracking, a CRM component, an automated email service. Originally developed using ASP .NET Web Forms (C#) and SQL Server 2005, successive releases redesigned and developed using the .NET MVC 3 framework with Microsoft SQL Server database

SecureEDI, LLC. Charlotte, NC**August 2007 – October 2009**

Senior Developer

- Designed architecture for Dental Service Eligibility Portal and managed development efforts to meet aggressive deadlines for releases. This portal application calculated availability of dental codes based on a series of complex business rules involving parameters such as tooth number, surface, lines of business, and member history. Written in ASP .NET C# with remote web service integration. Calculations designed to be configurable within SQL Server to manage rapidly-evolving and changing business rules using OPENXML
- .NET Web Forms (C#) development to accommodate dynamic enhancements, adjustments to processes, validations, and trading partners/payers configuration migration for internal customer support department. Created value-added functionality such as dynamic payer enrollment form uploads to web-based administration portal in C#, VB .NET, and SQL Server
- Developed real-time medical claim eligibility and adjudication processes using a combination of C# web applications, SQL Server, and legacy VB 6.0 COM+ components. These processes integrated secure web services including username/password authentication and certificate signature using C# and Microsoft Web Services Enhancements (WSE) 3.0

TEKSystems. Charlotte, NC**October 2006 – August 2007**

.NET Programmer

- C# development for integration project under U.S. Bank Corporate Trust in response to U.S. Bank's acquisition of Wachovia's Corporate Trust line of business

Technologies - C#, VB .NET, SQL, VB6, VBScript, Java, JavaScript, XML, SOAP, COM+ SQL Server**Venture Group Enterprises, Inc. (VGEI). Charlotte, NC March 2005 – October 2006**

Independent .NET Consultant (1099)

- Full life-cycle development and support for web-based application providing real-time editing, electronic signature, and dynamic PDF generation of legal contracts between VGEI and partners

Technologies - .NET Framework, ASP .NET, C#, Web Forms, Javascript, SQL Server**Bank of America. Charlotte, NC****July 2004 – March 2005**

Vice President, Application Programming Consultant

- Software development for marketing campaign tracking application

Technologies – VBScript/ASP 3.0, ADO, LDAP, Active Directory, Oracle 8.1**Network Controls International, Inc. Charlotte, NC****May 2003 – May 2004**

Programmer

- Development and support for web-based customer relationship management (CRM) application of financial institutions

Technologies - C++, COM+, Active Server Pages (ASP) 3.0, VBScript, JavaScript, XML**InServe Corporation/iCorp.com. Charlotte, NC****May 2001 – October 2001**

Senior Programmer/Analyst

- Senior member of development team responsible for the design and development of software application to provide workers' compensation billing and claims fulfillment

Technologies - SQL Server Citrix Metaframe, Citrix Nfuse, Visual Basic, COM+ components (C++), and VBScript/ASP 3.0