

## **ERIC A. SMITH**

14325 Samoa Street  
Fishers, IN 46038  
(317) 288-1720  
ncseric@gmail.com

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### **HIGHLIGHTS**

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I have been a professional software developer since 1993 and have focused primarily on the Microsoft .NET platform since its release in 2001. I have worked both as a full-time employee and contractor at a variety of industries and client sizes. I have both participated on and led teams in both small and large development projects. I also have extensive experience in the web hosting industry, having offered web hosting as part of my business until 2012. I have also authored books and articles on Microsoft technologies.

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### **RECENT PROJECTS**

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#### **Medical Trade Group Survey System**

Apr 2017 – Feb 2018

*Development Manager / Architect*

The client represents executives in a medical subspecialty and collects survey data each year. The survey data has come in as Excel data and is transformed into a data warehouse accessed with PowerBI reporting. The management application is built using KnockoutJS, ASP.NET MVC, WebAPI, C#, Visual Studio 2017, and SQL Server 2016.

#### **Document Indexing/Management Project**

Feb 2017 – Feb 2018

*Development Manager / Architect*

The client is engaged in scanning and indexing of documents for financial, medical, and travel clients. Several applications included a web front-end for the user to manually add documents, while others had a series of console applications that parsed EBCDIC files to create PDF files for users to browse. These applications are built using KnockoutJS, ASP.NET MVC, WebAPI, C#, Visual Studio 2017, and SQL Server.

#### **Project Resource Management System**

Jul 2015 – Feb 2017

*Sr. Software Engineer*

The client is engaged in highly technical manufacturing and frequently interacts with government contract agencies using the DoD Earned Value Management (EVM) system throughout the product development cycle. The PRMDS system, built on the Artemis 9000/EX system, tracks time across hundreds of charge numbers using legacy Excel VBA tools. The new web applications were built using ASP.NET, C#, Visual Studio 2013, and Oracle 11.

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**Oil Field Services Asset Management**

Aug 2014 – May 2015

*Architect*

The client is a support and transportation company servicing hundreds of oil wells and drilling sites in the Bakken oil fields of North Dakota. The system allows them to see locations of their assets (trucks, tanks, etc.) and then dispatch work orders to vehicles to pick up water, oil, and so on. The system is built on top of the Microsoft Dynamics CRM 2013 system using a combination of ASP.NET MVC 5, WebAPI, KnockoutJS, Bootstrap, jQuery, and several open source components.

**Direct Mail Marketing Integration**

Feb 2014 – Aug 2014

*Architect*

The client is engaged in direct postal mail marketing. The system allows marketers to manage the entire engagement with their customers, allowing the marketer to choose to send printed materials in addition to electronic materials. The system is being built using ASP.NET, Microsoft Azure technologies, C#, and the ExactTarget/SalesForce marketing cloud.

**Claims Processing and Approval System**

Dec 2012 – Feb 2014

*Architect*

The client is responsible for utility locates and damage claim investigations across the United States and Canada. The system tracks claims from the initial notification through final resolution. The system was built using ASP.NET/Visual Studio 2012, SQL Server 2012, Entity Framework 5.0, and k2 Blackpearl 4.6.6.

**Health Care Registry Data Management System**

Jan 2012 – Dec 2012

*Lead Developer/Team Lead*

This system was designed to allow the client to collect data at the point-of-care to be sent to clinical data registries that was previously collected on paper forms. Each registry defined datasets with validation rules that could change with each version. The system was built using ASP.NET/Visual Studio 2010, SQL Server 2008, WCF/Ajax, and KnockoutJS.

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**Salesforce.com E-mail Marketing Integration Project**

Sept 2011 – Feb 2012

*Architect*

The client provides e-mail marketing services to businesses worldwide and wanted to provide easy integration with Salesforce.com for its customers. The solution consisted of background processes to synchronize Salesforce contacts with a local database, as well as a Salesforce-hosted application to design e-mail messages. The system was built using ASP.NET 2010, SQL Server, Salesforce.com API and Apex programming platforms.

**SQL Server Database Enhancement Project**

July 2011 – Sept 2011

*Architect*

The client provides order fulfillment and logistics for a number of e-Commerce companies. The work I performed allowed them to better track order status changes during the life of a transaction. The work was done using SQL Server 2008 and SQL Reporting Services.

**Hospital Finance, HR, and Supply Chain Integration Project**

Jan 2011 – June 2011

*Technical Lead*

The client operates a network of hospitals across the United States. The project was designed to streamline business operations in finance, human resources, and supply chain management. The system was built using the eGate JCAPS software. There were also smaller projects built using SQL Server Integration Services to complement the main system.

**Pharmaceutical Managed Care Rebate system**

Feb 2009 – June 2010

*Technical Lead*

We created the Managed Care Rebate (MCR) project to implement a Contract Management and Rebate Payment system. The implementation relied on a mix of technologies including Microsoft VB.NET and IIS for the Web Portal, SQL Server for the database and Microsoft Reporting Services for Data Analysis and Reporting.

**Business Intelligence and Reporting solution**

Dec 2007 – Dec 2011

*Lead Developer*

The client is a medical device/testing equipment manufacturer. I built a series of applications using ASP.NET and SQL Server to better present their SAP data for reporting and tracking purposes.

*Additional Project History available on request*

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**EMPLOYMENT HISTORY**

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<b>Sondhi Solutions</b> <i>Senior Architect</i>	Indianapolis, Indiana Feb 2018 - present
<b>Stratusi</b> <i>Development Manager</i> <i>Senior Architect</i>	Brownsburg, Indiana Apr 2017 – Feb 2018 Aug 2014 – May 2015
<b>Centric Consulting</b> <i>Architect</i>	Indianapolis, Indiana Dec 2007 – Aug 2014
<b>Northstar Computer Systems LLC</b> <i>President</i>	Fishers, Indiana Jan 1999 – present
<b>Information Strategies</b> <i>Senior Consultant</i>	Washington, DC Sept 1997 - Jan 1999
<b>inquiry.com</b> <i>Senior Consultant</i>	San Mateo, California Oct 1995 – Sept 1997
<b>Andersen Consulting (now Accenture)</b> <i>Senior Consultant</i>	Chicago, Illinois May 1993 – Oct 1995

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**EDUCATION**

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<b>Purdue University</b> Bachelor of Science, Computer Science, May 1993	West Lafayette, Indiana
Microsoft Certified Solution Developer (MCSD)	1998
Microsoft Certified Systems Engineer (MCSE)	1999
Microsoft Certified Database Administrator (MCDBA)	2005