

ERIC A. SMITH

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HIGHLIGHTS

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.

RECENT PROJECTS

Student Loan Certification and Processing

Oct 2018 – Feb 2019

Architect

Designed and developed a set of microservices that can eventually be containerized for processing student loan certification requests and transmission of loan data into back-end loan servicing and disbursement systems. Designed and developed the messaging system for communication between services. Microservices were developed using the using .NET Core 2.2, ASP.NET Core 2.2, and SQL Server 2019 using an Agile project methodology.

Sondhi Solutions Professional Services Group

Feb 2018 – Oct 2018

Senior Architect

Since joining Sondhi, I have led the professional services group, which contracts with clients to both maintain existing applications and develop new line of business applications. I am responsible for both the project management tasks, as well as acting as senior architect during design of new applications. I also do most of the interaction with the professional services clients, especially when it comes to identifying new projects. I currently have five developers working for me on a total of seven projects, two of which are brand new development. These applications are primarily on the Microsoft/.NET platform, although several have also used Javascript frameworks like KnockoutJS and VueJS.

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.

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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.

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.

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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.

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.

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.

Additional Project History available on request

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EMPLOYMENT HISTORY

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

EDUCATION

Purdue University 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