

# Michael J. Akin

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## Executive Summary

An experienced computer professional who can apply and adapt technologies to make organizations more efficient and profitable.

## Computer Skills

- C#
- REST
- ASP.NET MVC
- HTML5
- CSS3
- JavaScript
- XML
- SQL Server
- T-SQL
- Stored Procedures
- Functions & Triggers
- Team Foundation (TFS)
- Serialization
- WCF
- COM
- SOAP
- WPF
- Silverlight
- iOS Development
- Objective-C

## Experience

Johnson Controls (Through RHI), Norman, OK

02/2014 to present

### **Senior Software Engineer**

- Convert jQuery Mobile web site to use Responsive Web using twitter bootstrap, HTML5, CSS3, JavaScript and jQuery.
- Consolidate code that is repeated among several projects into a single shared code library.

Chaparral Energy, Oklahoma City, OK

07/2012 to 02/2014

### **Senior Software Engineer**

- Develop the Field Data Collection Web site and API for the iPad application using C#, Sql Server and Twitter Bootstrap.
- Develop SSIS ETL packages to transfer data from Enertia into the PPDM Data warehouse.
- Develop applications to analyze proprietary EOR (Enhanced Oil Recovery) processes using SQL Server, SSRS, C#, Access.
- Develop the Employee Performance Management internal web site using C#, MVC, SQL Server.
- Administer the IBM TM1 and IBM Cognos server.
- Develop a daily process to download I.H.S. data via their web services, and deserialize the xml, and import the data into a SQL Server database.
- Write SSIS packages to transfer I.H.S data to Enertia.
- Took training: Objective-C for IT Professionals from AboutObjects in Cupertino.
- Took training: iOS Development IT Professionals class from AboutObjects in Cupertino.

H&R Block, World Headquarters, Kansas City, MO

08/2006 to 05/2012

### **Senior Software Engineer**

Develop the Tax Preparation Software (TPS) engine and tools that enable the tax developers to enter tax logic. This software is run in 12,000 offices by over 100,000 users to prepare over 20 million tax returns per year.

- Create Proof of concepts such as the OCR Import project.
- Create Pilot Projects
- Create and present Design Documents in review meetings.
- Maintain TPS by using Delphi and C# to complete projects requested by the business, such as "Returning Client"

that uses web services and XML. I was able to use several developmental patterns such as the Singleton, Iterator, and Factory.

- Maintain and create stored procedures on SQL Server.
- Create and run Automated Build Studio scripts to build various projects.
- Administer Team Foundation Server for the Team (TFS)
- Work in a Team Environment.

SAIC, Kansas City, MO

2002 to 11/2006

**SQL Server DBA and Developer**

Develop and maintain a cost accounting, billing and management information system for the US Marshals Office using Access, VB, C#, SQL Server and T-SQL Stored Procedures and user defined functions. Migrated many procedures from Access into T-SQL for dramatic performance improvements.

- Configured SQL Server 2000's merge replication in a multi-city environment ensuring immediate data availability in the event of a disaster or telecommunications problems.
- Created & Maintained DTS packages that propagate data to remote servers in an extremely efficient manner.
- Created & Maintained SQL Server Agent Jobs that perform the following functions: Extract Transform Load (ETL) data from Informix databases, System Audits, System Problem Notification, System Backups and Self Healing actions.
- Increased speed of many reports by 98%
- Decreased computer interface processing times by 80%

Maxim Group, Inc, Oklahoma City, OK

2001 to 2002

**Contract Intranet and VB Programmer**

Developed Intranet application for client York International that routed reseller claims to the appropriate managers for approval radically decreasing the claim approval time.

- Used ASP, JavaScript, MS-SQL Server 2000 and Terminal Server.
- Worked as sub-contractor to SAIC on US Marshals Justice Prisoner and Alien Transportation System (JPATS) Cost Accounting system

Ellis Enterprises, Inc, Oklahoma City, OK

2001 to 2001

**Senior Programmer**

Worked a short contract for this software developer to convert Bible data from text and HTML formats to their proprietary format using Visual Basic

New Vision Consulting Group, Inc / Internet Division, Edmond, OK 2001 to 2001

**SQL DBA / Sr. Programmer Analyst**

Created the interactive features of web sites, ensuring their compatibility with multiple web browsers.

- Administered SQL Server 2000
- Customized Solomon Accounting Software using Solomon VB Tools (VB6)
- Created custom web solutions using ASP, JavaScript, MS-SQL and Access

Hobby Lobby Corporation, Oklahoma City

1998 to 2001

**PC Programming Manager**

Managed a team of two software engineers to create, maintain and enhance PC Applications within the company and subsidiaries.

- Rewrote the store back office system that is responsible for reporting approximately \$1 Billion in sales yearly using Delphi. Used internet protocols to transmit the data.
- Responsible for PC Programming Standards.
- Design, program, test, integrate and implement applications using Delphi, MS-SQL Server, AIX UNIX, C++, IIS, ISAPI, Photoshop, Crystal Reports and AS/400's.
- Administer MS-SQL Server 7 databases including database creation, table creation, index creation, user security, performance tuning, schema design and stored procedures.

Hertz Corporation, Oklahoma City

1997 to 1998

**Senior Programmer Analyst**

Responsible for maintaining the Car Sales Application using Clipper. Also designed the next version of the application that would be written in Visual Basic.

- Designed SQL Server Database.
- Created tables and indices for database.
- Performed database tuning and documentation

UICI, Oklahoma City 1992 to 1997  
**SQL DBA / Systems Analyst / Programmer**  
Design, program and test major accident and property insurance applications using Delphi, MS-SQL and DataFlex.  
• Administering the Free BSD Unix Internet and E-Mail server.  
• SQL Server 7 installation and configuration including database creation, table creation, index creation, user security, performance tuning, schema design and stored procedures.

United Systems, Inc, Oklahoma City, OK 1989 to 1993  
**Systems Analyst / Programmer**  
Design, program, document and support client projects using DataFlex and Clipper.  
• Created an alias tracking system for the Oklahoma Department of Narcotics and Dangerous Drugs  
• Created and maintained a case collection system for the Oklahoma County Clerk's office.

OAO Corporation, Oklahoma City, OK 1987 to 1988  
**Programmer**  
Train military and civilian personnel in the use of proprietary Army software.

DSI Systems, Inc, Oklahoma City, OK 1986 to 1987  
**Computer Programmer / Analyst**  
Co-design, program, test and implement an Accounts Receivable / Order Entry system using COBOL for a manufacturing client.

## Education

University of Central Oklahoma, Edmond, OK 2000  
**B.S., Computer Science/General Business**

## Training

AboutObjects June 2013  
*Objective-C for IT Professionals*  
*iOS Development for IT Professionals*