

# Michael Nichols

Elgin, SC - Email me on Indeed: [indeed.com/r/Michael-Nichols/c4c433ed70d0870d](https://www.indeed.com/r/Michael-Nichols/c4c433ed70d0870d)

## WORK EXPERIENCE

### Senior Web Developer

Greenville, SC - August 2012 to Present

I customize Microsoft Dynamics CRM web applications to suit the client's needs. I develop custom C# web apps that interface with CRM, design and build SSIS packages for Data Integrations and Migrations, write C# based plugins to CRM, customize the user interface with javascript, html and css and provide custom reporting functionality with SSRS.

### Applications Analyst II

SC Department of Health and Environmental Control - Columbia, SC - August 2006 to August 2012

Lead programmer of the Freedom of Information Request Tracking System, an ASP.NET C# application, tied to a DB2 database. This application is used to track freedom of information requests that come into DHEC from initial request, to appointment and document reviews, to invoicing and payments.

- Lead programmer of the Information Resource Inventory System, an ASP.NET C# application, tied to a SQL Server Database. The application is used to maintain an inventory of the applications, servers, databases and personnel that the Public Health Statistics and Information Systems area supports. This application uses JQuery extensively, along with AJAX calls, to put much more of the load on the client side rather than the server. It is almost entirely database driven. A custom built class that matches the tables in the database pulls all of the data back, establishes the appropriate relationships and dynamically generates the HTML for the pages as users select different options.
- Part of the Change Management committee that developed the functional requirements and business needs of the Change Management process. Then I designed and coded an ASP.NET application in C# tied to a SQL Server database to meet those needs.
- Part of the DHEC Web Coordinating Council responsible for setting Agency policies and procedures for various web based activities like 508 compliance and the Social Media Policy.
- Lead programmer and project manager in the development and design of the South Carolina State Emergency Registry of Healthcare Volunteers. An ASP.NET application, coded in C#, tied to a SQL Server database that is used to register, verify, credential, deploy and track healthcare volunteers for disaster scenarios, such as pandemic flu. It connects to the American Board of Medical Specialties, American Osteopathic Association and the South Carolina Department of Labor, Licensing and Regulation to verify and credential the volunteers using web services.
- Lead programmer of the Lead/Mercury/Heavy Metal Tracking application written in ASP.NET using the MVC model. It is tied to a SQL Server database. It allows data entry personnel to enter paper copies of lab reports on blood levels of various heavy metals. It also automatically imports parsed HL7 records into the system.
- Lead programmer in the development and design of the H1N1 Vaccine Ordering System, an ASP.NET C# application tied to a SQL Server database that allowed various providers, nursing homes, military facilities, private practices and health clinics to order the H1N1 Vaccine. It also allowed new facilities to register as Providers, report their weekly amounts of doses administered, check important updates on recalls and expiration date changes and receive bulk e-mails from DHEC regarding other important information.
- Designed, developed and tested an Access Resource Management System for tracking user's access rights to different computer applications to meet HIPAA standards using ASP.NET connecting to a DB2 database.
- Designed, developed and tested a Birth and Death Certificate Amendment System for Vital Statistics to keep track of the digital storage of birth and death certificate amendments using ASP.NET.

- Lead programmer on a project to migrate an Oracle database to DB2 for the Records Information Management System, which was successfully rewritten into C# and ASP.NET.

## EDUCATION

### **Associate's in Computer Information Systems Programmer**

Schoolcraft Community College - Livonia, MI

2000

## ADDITIONAL INFORMATION

## TECHNICAL SKILLS

Programming: C#, ASP.NET, VB.NET, JavaScript, JQuery, Visual Basic, C++, HTML, XML, PHP, Delphi 5, and Delphi 7

Operating Systems: Windows 98/NT/2000/XP/Vista/Windows 7

Databases: IBM DB2, SQL Server (Including SSIS and SSRS), MySQL, Oracle

Applications: Microsoft Dynamics - CRM, Adobe, Microsoft Office, Crystal Reports, Jasper Reports, iReports