

Gregory Miller

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SUMMARY: Eighteen years experience as a software engineer. Strong in C#, JavaScript, various MVC frameworks, Ruby, Java, Objective-C, jQuery, HTML, CSS, object-oriented design, database design, Visual Studio, Xcode, SQL Server, PostgreSQL, MySQL, IIS, Apache, Git, Microsoft Visual Studio ALM, Adobe Photoshop, user interface design, testing, software project management, and business development.
My blog is at w4ik.wordpress.com, my LinkedIn profile is at [LinkedIn](#) and my Twitter handle is [@GregW4IK](#).

TECHNICAL SKILLS: Languages: C#, JavaScript, Java, Ruby, HTML, CSS, Objective-C
Databases: SQL Server (All versions), PostgreSQL, MySQL
Frameworks: .Net, Ruby on Rails, jQuery
Operating Systems: Windows, Linux, Mac OS X

EXPERIENCE: IT SYSTEMS CONSULTANT

2011 – Present

[Branch Banking and Trust](#), Raleigh, NC

Created a web-based version, using C# and ASP.Net MVC, of a BB&T branch client management application. This application is being used by a fraud detection group. In the 1st full month of the application's operation, the results have been impressive, yielding a 73% increase in closed cases, 19% increase in confirmed fraud cases, and over 18,000 cases handled without associate assistance. The fraud detection group predicts that loss avoidance will be over \$2 million annually.

Worked on an in-house iPad application using Objective-C. Developed a Java web application utilized as a back end by the iPad application. This work touched most of the mobile banking stack; service integration using TIBCO, business logic, validation and controller logic.

Create new features, maintain and support a Windows application used in over 1400 locations. Automated and improved the application's build process, which reduced the build effort by over 25%.

SENIOR SOFTWARE ENGINEER

2006 – 2011

[Alliance Hospitality Management, LLC](#), Raleigh, NC

Developed an application for the hospitality industry using Ruby, Ruby on Rails and MySQL.

Developed a web-based forecasting tool using ASP.Net MVC.

Implemented a reporting system utilizing ASP.Net MVC and SQL Server Reporting Services.

Developed a web-based data entry app for invoice management and transmittal using ASP.Net MVC3.

In conjunction with the above app, a WCF service was developed to supply data to the application.

Developed a flight status data gathering application that runs as a Windows Server service and displays flight status data in a web browser on in-lobby monitors.

Successfully converted a mission critical project from a .Net 1.1 application to a .Net 2.0 application and upgraded the project's database from SQL Server 2000 to SQL Server 2005.

Implement, maintain and monitor all production and development databases on a SQL Server 2005 installation.

APPLICATION ENGINEER

2005 – 2006

[MMWebServ \(now Micromedic\)](#), Durham, NC

Integral member of the Internet development/design team. Performed object-oriented web application development, designed web pages and coded new programs.

Representative projects:

- Made modifications and additions to an existing online order entry system for the United States Air Force. Project made heavy use of .Net technologies and SQL Server 2000.
- Assisted in the design and was the primary developer for both the marketing portion and the intranet portion of the website for the Institute for Defense and Business, a University of North Carolina based non-profit.

PRINCIPAL CONSULTANT

1996 – 2005

[Canoe Creek Software](#), Wake Forest, NC

Involved in every aspect of the business including: strategic planning, sales and marketing, managing a team of four programmers, writing code, developing design specs and preparing quotes for custom programming.

Representative project:

- Developed an Inventory application for the City of Wilson. This application is targeted for the Windows Mobile 2003 Operating System using the .Net Compact Framework, VB.Net, SQL CE, SQL Server and SQL Reporting Services. It includes replication between SQL CE and SQL Server databases. Hardware integration includes an IPAQ 1940 and a Baracoda BaracodaPencil bar code scanner communicating using the Bluetooth protocol.

EDUCATION: North Carolina State University Raleigh, NC
Major: Economics