

# Gregory Miller

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**SUMMARY:** Twenty 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, Git, Microsoft Visual Studio ALM, Adobe Photoshop, user interface design, testing, software project management, and business development.  
My blog is at [w4ik.wordpress.com](http://w4ik.wordpress.com) and my LinkedIn profile is at LinkedIn.

**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: PROGRAMMER/ANALYST** 2015 – Present

Branch Banking and Trust, *Raleigh, NC*

Make modifications to BB&T's Automated Teller Machine's (ATM) user interface using HTML, CSS and JavaScript. Provide expert level troubleshooting and analysis to Automated Teller Machine (ATM) Support management. Supplied research and development of solutions for new or unknown issues. Responsible for two ATM labs used for development and testing.

**IT SYSTEMS CONSULTANT** 2011 – 2015

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. The application provides an advanced way to manage the large volume of calls required to monitor suspicious debit card activity. In the 1st full month of the application's operation, it yielded a 73% increase in closed cases, a 19% increase in confirmed fraud cases, and over 18,000 cases handled without associate assistance. 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 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.

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.

**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