

SUMMARY:

Successful, customer-driven programmer and web developer of software systems for corporate, government, and military clients. Effective group and communication skills working with in-house and client teams. Proactive, self-directed, and hardworking with ability to integrate information from multiple sources to suit various client needs. Passionate and willing to embrace new technologies and ideas. Takes pride in writing clean, scalable, efficient, secure, and maintainable code with a focus on object oriented design. Proponent of "Life Long Learning."

PROGRAMMING SKILLS:

Languages:

- Fluent in C# (ASP.NET MVC/Web Forms, Windows Forms, WPF) and .NET Architecture
- Proficient in Javascript and a number of frameworks: JQuery, underscore.js, backbone.js, react.js
- Extensive SQL – primarily Oracle and MSSQL - and other database related experience
- Exposure to and limited experience with Java, PHP, Python, C++ and MFC

Other:

- Integrated Development Environments: MS Visual Studio .NET, Eclipse
- Source Control: SVN, TFS, VSS, GIT
- Experience with build automation tools such as Cake, Nant, testing frameworks such as MSTest, Nunit, and MOQ
- Knowledgeable in Unix and multiple distributions of the GNU/Linux operating system
- Github: <https://github.com/KieranEMiller>
- LinkedIn: <http://www.linkedin.com/in/KieranEMiller>

Certifications: CompTIA Security+

WORK EXPERIENCE:

Triad Media Solutions, Hoboken, NJ

01/2011 - Present

Advertising and marketing firm specializing in online lead generation

Senior Software Developer/Programmer

- Created, expanded, and maintained online marketing sites that are contextually relevant and geographically targeted.
- Effectively utilized javascript frameworks and toolkits such as backbone.js, underscore.js, JQuery Mobile, and others.
- Integrated internal processes and systems with Google and Bing Ad networks, Google Analytics and Maps via their respective APIs.
- Provided key data insights into both current and historical data through statistical analysis and development of web based visual tools.

Technical Environment: C#, MVC4, Web Forms, Azure Cloud Hosted MS SQL with Bi-Directional Replication

iHCFA/Atlantic Imaging Group, Parsippany, NJ

02/2010 - 01/2011

Healthcare claims processing and automation firm

Software Developer/Programmer

- Expanded software functionality for new business initiatives and improved upon existing legacy system components.
- SCRUM/Agile development team with 2 week iterations.

Technical Environment: C#, Web Forms, MS SQL 2005

BNY Convergenx, Cogent Consulting Division, Summit, NJ

04/2009 - 02/2010

World-wide money management and brokerage software firm

Software Developer/Programmer

- Implemented new functionality for web-based trading and commission management and tracking software.
- Established and directed effort to improve existing design and implementation of Cogent's buy-side application suite

Technical Environment: C# and VB.NET, Web Forms, MS SQL 2000/2005

Document Conversion Associates, Lebanon, NJ

05/2006 - 05/2009

IT consulting company specializing in imaging and document management automation and customization

Software Developer/Consultant

- Comprehensive discovery, design, release and implementation, and post-deployment support of web and desktop-based solutions tailored to client-specific requirements and existing infrastructure.
- Effective interaction with clients and colleagues to recognize, advise, and direct the development of solutions during the entire software development lifecycle from business need to solution deployment including presentations to client upper management.

Technical Environment: C# and VB.NET, MS SQL 2000/2005

EDUCATION:

MS Computer Science, New Jersey Institute of Technology, Newark, NJ
BS Computer Science, *summa cum laude*, Kean University, Union, NJ

PUBLICATIONS:

K. Miller and P. Morreale, "Finding the Needle in the Image Stack: Performance Metrics for Big Data Image Analysis", IEEE Multimedia, Vol. 21, No. 1, Jan-March 2014, pg. 84-89.