

Ronnie Roller

C#, Java, ASP.NET, MVC, SQL Server, JavaScript, jQuery, Entity Framework 4

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SUMMARY

Please view my website <http://ronnieroller.com> for my most up-to-date resume and project listing.

Experienced software developer (C#/.NET/JavaScript) with a strong background in computer science and 10+ years in software development. Solid hands-on experience from redesigning existing software to solving complex technical problems with object-oriented programming, Microsoft SQL Server, and advanced JavaScript. Specialized in architecting and developing both front and back end software for cross-browser, highly interactive AJAX based applications.

SKILLS

- Object-Oriented Programming with C#, Java, and VB.NET including Design Patterns
- Development, debugging, and unit testing with Visual Studio and Eclipse
- Developing applications leveraging ADO.NET, LINQ to SQL, Entity Framework 4, and the Microsoft Enterprise Library Data Access Application Block
- Parsing, querying, scraping, and transforming XML, HTML, and JSON
- Primary editors are Visual Studio 2010, Eclipse, Vim, notepad++
- Microsoft SQL Server: Normalization, T-SQL, Stored Procedures, Rules, Views, Indexes
- Building web applications with ASP.NET MVC, JavaScript, jQuery, JSON, HTML, XHTML, CSS, and FireBug
- Creating mobile web applications for iPhone and Android devices
- Fully fluent in developing cross-browser applications that follow web standards and deliver a rich user experience
- Developed in the past with C, C++, Java, VBA, VB6, and classic ASP
- Comfortable with managing and using both Microsoft Windows and Linux Systems (Windows Server 2003/2008, Ubuntu, Fedora, Redhat)
- Experience installing, configuring, and managing DNS, IIS, SharePoint, Microsoft Exchange, Qmail, FTP
- Worked with and developed for ESRI GIS products such as ArcMap, ArcView, ArcIMS, MapObjects, and ArcInfo
- Built interactive web-based GIS mapping applications using ArcIMS and MSSQL Server

EXPERIENCE

Software Development Engineer (SDE)

1/2011 – Present Amazon.com Seattle, WA

Working on low latency, high performance, redundant software for handling billions of requests in a strategic unit within Amazon.

C# Programmer

10/2009 – 1/2011 LPS (Fidelity) Arlington, TX

Developed middle-tier applications and front-end systems that handled financial B2B transactions through the exchange of XML messages between an EDI (Electronic Data Interchange) used by the majority of the largest 50 banks in the U.S.

C# Programmer/ .NET Developer

3/2001 – 10/2009 Geo-Marine (Applied Research Associates) Plano, TX
Main role includes .NET development in C#, VB.NET and MS SQL Server. Projects include developing an ASP.NET content management system, lead developer for an ASP.NET web application for project management that facilitates managers through the project life cycle for 1000's of projects, searchable web-based GIS mapping systems, a coral reef photograph analysis application, and other applications and GIS projects.

Programmer / DBA (Consultant)

6/2009 – Present Marquis Software Solutions Inc. Plano, TX
Developed an ASP.NET 2.0 (C#) / VS 2008 / MS SQL 2005 application for financial institutions to monitor a sales pipeline and track referrals for products and tasks. The application uses jQuery/JSON for a dynamic and interactive UX, data retrieval and posting. The application includes active directory authentication and reporting to Excel.

Programmer / DBA (Consultant)

7/2007 – 12/2008 Region 10 Education Service Center Richardson, TX
Worked with a team to develop an ASP.NET 2.0 / VS 2005 / MS SQL 2005 student assessment software application for Texas school districts. The application allows district administrators, campus administrators, and teachers to view and report all state and district assessments for their students. The application is currently deployed in 250+ districts statewide with over 25,000 users.

Programmer / DBA (Consultant)

4/2007 - 7/2007 RSoft Design Garland, TX
Designed and coded an ASP 2.0 / VS 2005 desktop and online software application for petrochemical plants. The application allows the management staff the ability to provide documentation to OSHA and EPA that their employees have been trained and tested for the jobs and tasks they are assigned. The application also provides a management and documentation trail for OSHA and EPA to detail that certain action items have been resolved. The application is currently deployed in over 5 locations.

GIS Technician, Web Developer

6/1997 - 2/2001 Jefferson County Appraisal District Beaumont, TX
Developed and maintained company website for fast, searchable data of landowners backed by SQL Server. Created and maintained parcel maps from subdivision maps and deeds using Arc/Info software. Created scripts using ARC macro Language.

EDUCATION

M.S., Computer Science, December 2008

University of Texas at Dallas

- Machine Learning
- Artificial Intelligence
- Data Mining
- Advanced Algorithms
- Automata Theory
- Computer Vision

B.S., Management Information Systems, May 2003

University of Texas at Dallas