

# CRAIG BOWES

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## SKILLS OVERVIEW

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### EXP. TECHNOLOGY

11 .NET Framework, ASP.NET, C#, Visual Basic  
13 SQL Server/T-SQL  
13 Html, CSS, Javascript, Http, Web Programming  
8 Coldfusion, Classic ASP, VBScript, MySQL, XML  
6 JQuery, AJAX  
4 NUnit, NBehave, Rhino Mocks, Hudson, Cruise Control  
4 Ruby, Rails, Capistrano, Nginx, Passenger, Apache, PHP, RSpec, VIM, RubyMine,  
Ubuntu Linux, iPhone/iPad, Objective-C, Phonegap  
2 Winforms, WPF, Silverlight  
2 Java and JSP

### ARCHITECTURE AND METHODOLOGY

8 OOP, OOD, Design Patterns, Gang of Four, Fowler  
10 Database design, 3NF  
8 N-Tier Application Design, O/R Mapping  
5 TDD, BDD, Unit Testing, Domain Driven Design  
4 XP, Scrum, Agile PM  
3 Dependency Injection and Inversion of Control, Continuous Integration  
7 Technical Lead, Management

## EXPERIENCE

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Mar 2009 - Present                      Enilon                                      Fort Worth, TX

*Director of Technology*

- Involved in resource allocation and project management, account/client satisfaction, business development support and project estimation, and technology infrastructure decisions such as cloud hosting, development on VSphere VM Servers, and internal networking infrastructure.
- In order to make the company more price competitive, moved the technology from a purely Microsoft infrastructure to open source and apple based technologies, decreasing costs and development time.
- Developed web and mobile applications side by side with developers using open source technologies such as Ruby, Rails, Capistrano, BDD and RSpec, MySQL, Ubuntu Linux, Apache, NGinx, Passenger, iPhone/iPad development with Objective-C, PHP, Concrete5 CMS, JQuery and HTML 5.
- Maintained and developed new Microsoft stack applications using ASP.NET 3.5 and 4.0, ASP.NET MVC 3-4, BDD with NBehave, NUnit, Hudson CI Server.

Nov 2008 – Mar 2009 Saxon Mortgage                                      Fort Worth, TX

*Development Manager*

- Acted as team lead and mentor for other senior developers on a 6-month intensive project.
- Participated in architecture reviews, promoted best practices such as design patterns, N-Tier and OOP and helped guide application design on various projects.
- Programmed in C# and .NET 3.5 platform using WebForms and MVC, SOA and WCF, SQL 2008 and Ajax on a variety of projects.

2006 – Mar 2008                                      Enilon                                      Fort Worth, TX

*Lead Developer*

- Responsible for all technical and architecture decisions for all projects. Implemented appropriate OO principles, Domain Driven Design, and design patterns, researching and evaluating 3<sup>rd</sup> party products and creating in house components for reuse among multiple projects.
- Managed all other in house developers and remote contractors. Responsible for recruiting and screening developers. Mentored and trained other junior developers and provided guidelines and standards for code quality.
- Worked directly with clients and potential customers to create estimates, assist in sales, gather requirements and resolve issues.
- Developed software in C#, VB.NET, Classic ASP/VBScript, SQL Server, ASP.NET and .NET Framework version 1.1 – 3.5. Worked with Microsoft AJAX toolkit and Telerik RadControls, Sitefinity CMS, NHibernate. Created automated builds using NANT.

Developed sites using ASP.NET MVC framework and JQuery.

- Developed Unit Tests using NUnit, Rhino Mocks and Test Driven Development.
- Extensive database development, stored procedure and query optimization, creation and maintaining of SQL Reporting Services Reports, DTS and SSIS packages and various DBA tasks.
- Worked with the Project Manager to implement an XP/Scrum style Agile project management methodology. Involved in light project management on a regular basis.

2004 - 2006 D R Horton

Fort Worth, TX

*Development Team Lead*

- Led a team of 5 other developers. Acted as technical lead and software architect on multiple concurrent projects, created project plans and deadlines, and assisted in recruitment and screening of candidates.
- Extensive development work on complex enterprise web applications. Gathered requirements, planned, designed and developed applications using ASP.NET, Sql Server 2005 and C#.
- Worked on integration with legacy DB2/JD Edwards system.
- Worked with Lead Developer and other Team Leads to promote architectural standards, conventions and consistent set of tools.
- Involved in peer training and mentoring. Taught C#, SQL, OOP and design patterns to developers transitioning into .NET from Lotus Notes.

2003—2004 True.com

Irving, TX

*Senior .NET Application Developer*

- Created various business and marketing reports using SQL Server Reporting Services 2005 and DTS packages.
- Involved in all areas of website, windows and web service development including Client side presentation, database design and access, and business logic using SQL Server, VB, and ASP.NET.
- Responsible for a variety of architecture issues and best practices. This included object modeling, component development and reuse, application development standards, database normalization and performance optimization.
- Created a common Data Access Layer component using VB.NET, NUnit and Test Driven Development.
- Worked on redesign and modifications to a custom designed, RFC compliant SMTP server built in Visual Basic.NET.

Apr 2003—Dec 2003 Imaginuity Interactive

Dallas, TX

*Senior .NET Application Developer*

- Extensive C#/ASP.NET web application development and design using a 3-layered architecture.

- Worked on flagship product, an in house CMS converted from Coldfusion to ASP.NET 1.1.
- Helped to develop architectural standards and best practices for all areas of application development.
- Development and maintenance of SQL Server 2000 data structure including table definitions, stored procedures, views, optimization, backups, scheduled tasks, DTS, Replication, and full-text indexing.
- Maintenance of existing Java, Classic ASP and Coldfusion web applications.

2001—2003      Mouser Electronics      Mansfield, TX  
*Web Application Developer*

- Participated in design, strategy and implementation of integration with a legacy Informix Universe multi-value database on a mainframe platform. Created DTS packages and C# windows applications for data integration.
- VB6 programming including use of MSXML2 XML parser, ActiveX controls and ADSI object model for IIS.
- Conversion of legacy COM and Coldfusion code base to ASP.NET platform in C# with use of custom server and user controls as well as creation of data access and business logic assemblies.
- Development of new ASP.NET, Winforms and Windows Services applications using C# and Sql Server.
- Created formal E-Business department development standards and methodologies including naming conventions, data access and general site architecture.
- Database design and development with Visio and SQL Server 2000 with heavy emphasis on triggers, constraints, referential integrity, stored procedures, indexing/performance tuning, Full Text Searching, and DTS Packages.
- Involved in all areas of project lifecycle: requirements gathering, design and implementation.

2002-2003      Wrox Press      Birminham, UK  
*Freelance Technical Writer*

- Co-author of *Beginning VB.NET Web Programming in Visual Studio*, a book on using Visual Basic.NET and Visual Studio to write web applications.
- Contributor to ASPToday.com website on various topics using C# and Visual Basic.

2000-2001      MCD Communications      Dallas, TX  
*Web Programmer/Analyst*

- Extensive web development using for client websites Coldfusion, MySQL, SQL Server 2000, DHTML and JavaScript.
- Responsible for majority of SQL Server 7/2000 database schema creation, stored procedures, dynamic queries and performance tuning.

- Additional development experience and training using VBScript, ASP, XML, MySQL, Visio 2000 and UML.

1999-2000      ISphere      Fort Worth, TX

*Web Developer*

- Assisted in administration of IIS, FTP, DNS, SQL Server 7-2k and POP3/SMTP servers.
- Developed applications using a variety of technologies such as DHTML / JavaScript, Visual Basic 5-6, ActiveX, Coldfusion, ASP, VBScript, UML, CSS and VBA.
- Light design work with tools such as FrontPage 2000, Macromedia Flash, Fireworks, and Dreamweaver.
- Involved in full SDLC on multiple projects. Performed business analysis and requirements gathering for a variety of clients.

1998-1999      TD Resources      Fort Worth, TX

*Freelance Webmaster*

- Maintained a small business website using Html, Javascript and Frontpage.
- Provided training and consulting.

1998-1999      U.T.A. CSE Department      Arlington, TX

*Undergraduate Teaching Assistant*

- Performed classroom setting software instruction and curriculum creation in various topics including Windows NT, MS Office, Internet, HTML and Visual Basic 6.
- Created and maintained the class website using HTML/CSS and Macromedia Dreamweaver.

1997-1999      CompUSA      Arlington, TX

*Certified Software Trainer*

- Performed classroom setting software instruction in various applications including Windows 95/NT, MS Office 97, MS FrontPage 98, HTML and other Internet classes.

EDUCATION

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1998-1991      Mansfield High School      Mansfield, TX

- Advanced College Curriculum

1998 - 2003      University of Texas at Arlington      Arlington, TX

- Major in English with Minor in Information Systems

## OTHER

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Member of Fort Worth .NET User Group

Member of Fort Worth Ruby Brigade

Completed a course in iPhone/iPad development in Objective-C

Attended Headspring Systems "Agile Boot Camp" which included training in Resharper, XP, Scrum, TDD, DDD, NHibernate, Dependency Injection, Mocking and Unit Testing.

Completed training in .NET 3.5, WCF and Windows Workflow