

# Andrew Uhl

Web Developer / Architect

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## TECHNICAL SKILLS

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**Web programming:** 10 years of experience programming web applications utilizing several platforms in a production environment.

- ASP.NET
- Classic ASP
- PHP

**Database development and administration:** Familiar with the full lifecycle of database development from installation to design to implementation to tuning and maintenance.

- Microsoft SQL Server
- Transact SQL
- Stored Procedures
- MySQL

**Programming languages:** In addition to the professional experience I have utilizing these languages, I also have experience using many others on a casual basis.

- C#.NET 1.1, 2.0, 3.5
- VB.NET
- VBScript / JScript
- PHP

**Libraries and programming concepts:** An expert understanding of programming concepts gives me the confidence to handle new challenges and learn new concepts quickly.

- Continuous Integration
- NHibernate (ORM)
- API Integration
- Windows thick client
- Agile Development
- Enterprise Library
- SOAP
- Windows Services
- Entity Framework
- LINQ
- XML-RPC
- TFS / SVN

**Other web skills:** In addition to my foundation of the primary web technologies, I also have experience with advertising, marketing and site promotion utilizing such tools as Google AdWords and search engine optimization techniques.

- HTML / XHTML
- JavaScript
- PayPal
- Sterling Group
- CSS
- AJAX
- Paymentech

**Systems administration:** Experience with configuration and maintenance of server installations for high-volume web sites.

- Windows Server
- PHP
- Microsoft SQL Server
- Fast CGI
- IIS
- Apache
- MySQL
- Windows DNS

## EMPLOYMENT HISTORY

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### Programmer/Analyst

Omnicare, Inc. (2009 - Current)

- Member of nine-person team developing Omniview, a web site enabling corporate customers to manage more than 350 pharmacies and 20,000 senior care and assisted living facilities throughout the country
- Integrated the OmniviewDR web site with two pharmaceutical dispensing systems allowing physicians to write and refill their patients' prescriptions and monitor their medical records
- Developed plugin-based task management system to schedule and run repeated tasks in total isolation from each other
- Spearheaded adoption of ORM to augment traditional stored procedures resulting in accelerated development schedules
- Performed all work in accordance with HIPAA and SOX regulations

### Web Developer II / Team Lead

F+W Media, Inc. (2006 - 2008)

- Team lead overseeing two full time employees and one consultant
- Served as mentor to more junior programmers and created standards for development and internal systems
- Integrated e-commerce applications with required payment processors to allow for real-time credit card processing
- Developed real-time scheduling and reservation system for a large, multi-city conference
- Performed all systems administration tasks for the 15 servers that were used for hosting all corporate web properties
- Modified large, existing codebase as needed in order to become PCI compliant

### Owner

Custom Fantasy Sports, LLC (2007 - Current)

- Focus on providing fantasy sports players with custom memorabilia (both physical and digital) for their fantasy teams
- Requires self-motivation and creativity to keep the company moving forward and expanding into new ventures
- Perform all major development work on corporate web properties

## Senior Consultant

Sara Lee via Centric Consulting (2005 - 2006)

- Overhauled Trade Planning application (ASP.NET, VB.NET, SQL Server) to utilize a more intuitive object-relational mapping system and provide additional features to help improve overall corporate profitability.
- Created custom helpdesk application for Sara Lee Food Services which featured a unique, dynamic template system
- Upsized and enhanced Loss and Damage Prevention application for tracking shipping losses (MS Access, VBA)
- Learned SOX compliance and associated procedures

## Web Developer II

F+W Publications, Inc. (2002 - 2005)

- Served as project manager for several large development projects. Communicated with customers, gathered requirements, delegated responsibility to other members of the team, and contributed to development
- Flourished in a fast-paced environment that allowed independent thinking with minimal supervision
- Created automated Google position monitoring tool to track web site positions for different keyword searches
- Introduced Google AdWords as successful marketing tool
- Developed web site migration project that involved moving 15 web sites from outsourced hosting to in-house hosting

## EDUCATION

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### ASP.NET Web Programming (January 2004)

Global Knowledge, Atlanta, GA

- Course targeted towards transitioning Classic ASP programmers to ASP.NET
- Detailed use of ADO.NET, XML and web services in ASP.NET applications

### B.S. Computer Information Systems (March 2002)

The Ohio State University

- Specialized in software systems
- Classes included database systems, networking, operating systems, compiler design, software engineering, artificial intelligence, hardware design, and statistics

## PORTFOLIO

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### Omniview

<http://omniview.omnicare.com>



Omniview is Omnicare's portal through which their corporate customers manage their pharmacies and elderly care facilities.

- Developed using C#.NET 2.0, Classic ASP, Java, Entity Framework, Enterprise Library, and SQL Server
- Accommodates several thousand concurrent online users and tens of thousands of daily users
- Integrates with a large number of other systems through both direct database connections and web services

### Fantasy Sports Factory

<http://www.fantasysportsfactory.com/>



Fantasy Sports Factory is the flagship product for Custom Fantasy Sports, LLC. It provides logos and online tools which allow users to create their own custom football helmets and jerseys.

- Developed using C#.NET 2.0, NHibernate, Enterprise Library, and Microsoft SQL Server
- Integrates with the ImageMagick as well as utilizes native .NET image manipulation routines
- Employs several Windows services for scheduled and out-of-context code execution

### Writer's Market

<http://www.writersmarket.com/>



Writer's Market provides constantly-updated, online market listings (newspapers, agents, book publishing houses, magazine publishers, etc.) to thousands of writers.

- 25,000+ active subscribers generate more than \$40,000 of revenue per month
  - Used Scrum as an agile development methodology and continuous integration in order to complete project on extremely short schedule.
  - Utilizes C#.NET 3.5, NHibernate, Dependency Injection, Enterprise Library, and Microsoft SQL Server
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## Great American Scrapbook Conventions

<http://www.greatamericanscrapbook.com/>



GASC is an annual, four-city scrapbooking convention which features online registration for several hundred events and thousands of attendees

- Created in less than two months by leveraging the NHibernate object-relational mapping system
- Features online registration system which prevents overbooking of events
- Uses AJAX to provide real-time feedback on events and their status
- Developed using C#.NET 2.0, NHibernate, Enterprise Library, and Microsoft SQL Server

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## HOW Design Conference

<http://www.howconference.com/>



The HOW Design Conference is a graphic design conference sponsored by *HOW Magazine*. It is in its 18<sup>th</sup> year and is considered one of the top graphic design conferences in the country.

- Created and deployed online registration system that handles scheduling for over 2,000 attendees
- Responsible for all aspects of development and maintenance of the site excluding the graphic design
- Completed project in less than twenty working days from start to finish
- Developed using Classic ASP and Microsoft SQL Server

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## HOW Magazine

<http://www.howdesign.com/>



- All aspects of the day-to-day maintenance of the site are handled through an administrative interface thereby freeing developers from routine maintenance tasks
- Created a message board to replace original forum which increased participation and helped spawn a lively community
- Created advertising management system to track impressions and clicks which in turn helped increase revenue by culling the underperforming ads

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## Memory Makers Magazine

<http://www.memorymakersmagazine.com/>



- Developed using C# and ASP.NET 1.1
- Heavily customized a BVC 2004 (<http://www.bvsoftware.com/>) shopping cart to provide e-commerce functions
- Administration of the site is performed completely through a web interface
- Prior to the availability of master pages, created a custom template system which allows for complete color and design changes with the release of each new issue

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## Kansas Insurance Department

<http://www.ksinsurance.org/>



- Redesigned the appearance and functionality of the entire web site
- Created custom content management system to allow non-technical staff to update the web site
- Developed a Medicare premium comparison application which allows Medicare-eligible individuals to search for the lowest possible premium across a multitude of different plans and companies. The rates are adjusted for the individual's demographic information—such as age, place of residence and whether they smoke.
- Built using PHP and MySQL

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## OTHER SITES

In addition to the sites featured above, the following is just a small sample of the other sites I've worked on:

- [omniviewdr.omnicare.com](http://omniviewdr.omnicare.com)
- [myomniview.omnicare.com](http://myomniview.omnicare.com)
- [www.antiquetrader.com](http://www.antiquetrader.com)
- [www.artistsnetwork.com](http://www.artistsnetwork.com)
- [www.blademag.com](http://www.blademag.com)
- [www.familytreemagazine.com](http://www.familytreemagazine.com)
- [www.fwbookstore.com](http://www.fwbookstore.com)
- [www.fwmedia.com](http://www.fwmedia.com)
- [www.gundigest.com](http://www.gundigest.com)
- [www.id-mag.com](http://www.id-mag.com)
- [www.impact-books.com](http://www.impact-books.com)
- [www.myobconference.com](http://www.myobconference.com)
- [www.popularwoodworking.com](http://www.popularwoodworking.com)
- [www.printmag.com](http://www.printmag.com)
- [www.scubadiving.com](http://www.scubadiving.com)
- [www.tuffstuff.com](http://www.tuffstuff.com)
- [www.wetcanvas.com](http://www.wetcanvas.com)
- [www.writersonlineworkshops.com](http://www.writersonlineworkshops.com)