

WILLIS G. MILLER, III

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SKILLS

Web Programming Languages:

ASP.NET
ASP
Flex
Actionscript
Cold Fusion
PHP
JavaScript
VB Script
DHTML
WSDL/SOAP
VML
Web Office Components

Application Programming Languages:

Visual Basic .NET, 6.0
Visual C#.NET
COM
ActiveX

Databases / Data sources:

SQL Server 7 - 2K
Access 97 - XP
Oracle
XML
mySQL

WC3 Languages:

XHTML
HTML
CSS

Multimedia / Development Tools:

Dreamweaver
Flash
Illustrator
Fireworks
Freehand
3DS Max
Photoshop
Poser
Director

Project Management

MS Project

Version Control

SourceGear Vault
MS SourceSafe

EXPERIENCE

Independent Contractor

1998-2003, 2008 - Present

Developed financial reporting, eCommerce, content management, advertising, and informational websites, as well as offline applications for optimizing processes or reconstructing backend systems.

Selected clientele and projects:

BMC Software

2003

Overview: BMC Software is a leading provider of ebusiness systems management software with the fastest guaranteed implementation. Companies achieve greater availability, performance and recoverability of their business-critical applications with our solutions. (text taken from the website <http://www.bmc.com/>)

Techniques: **SQL Server, Cold Fusion, ASP, JavaScript, Visual Basic, PHP**

Designed and developed the database structure and supporting backend system for BMC's Contract Lifecycle Management System. Assisted in the development of an integrations system for the delivery of products through customer, reseller, and internal application interfaces. Built SQL Server stored procedures, data transformation services, and back-end ASP pages for the receiving, processing, and sending of data to and from Unix- and Oracle-based systems.

Rehearsalnet

2000-Present

Overview: Rehearsalnet began as contact management software written for the University of Houston. It developed into a full-featured scheduling suite of applications tailored for the University's music school.

URL: <http://www.rehearsalnet.com> -demonstrations available upon request

Techniques: **Visual Basic, Cold Fusion, SQL Server, ASP, JavaScript, CSS, Flash**

Developed all of Rehearsalnet's applications and supporting backend databases.

Highlights:

- A full-featured online eCommerce MIDI library designed to assist students in learning music
- Administrative control of MIDI Library for content management
- Intuitive design for creating and maintaining student, faculty, staff, and room schedules
- Email notifications and mass email capabilities
- Administrative abilities to pair students based on skill level and availability
- Comparison of any number of person's schedules to find the best time for TBA classes or rehearsals

International Journal of Compounding Pharmacists

2000-2002

Overview: IJPC sells online and hard-copy subscriptions to a pharmaceutical journal, as well as various compendiums and reference books for pharmaceutical research.

URL: <http://www.ijpc.com>

Techniques: **Cold Fusion, Visual Basic, SQL Server, Access, CSS, JavaScript**

- Reorganized and optimized a site that had been pieced together by several different developers over three years.
- Reconstructed the backend database for data integrity, performance, and growth.
- Consolidated and rewrote various shopping areas into one easy to use application.
- Created various administrative tools for customer contact, promotions, and product updating and additions.

International Academy of Compounding Pharmacists

2000-Present

Overview: IACP is a non-profit organization designed to protect and promote compounding pharmacists' legal rights and privileges.

URL: <http://www.iacprx.org>

Techniques: **Cold Fusion, SQL Server, Access, ASP, JavaScript, Visual Basic**

- Assisted in reorganizing the company's contact database.
- Developed a portion of their site that enables customers to locate pharmacists by zip code, returning distance to the pharmacists in miles.

- Developed administrative tools to create and edit HTML profiles of subscribing customers, as well as assisting in the registration for international events.
- Developed applications to covert data from Excel to Access and upload to their web server.

Schirmer-Thompson Music Publishers

2002

Overview: Schirmer-Thompson is one of the leading music publishers in the music industry.

URL: <http://schirmerdictionary-d.wadsworth.com>

Techniques: **ASP, SQL Server, JavaScript, VB Script**

Built database, front end, and administrative tools to display interactive, multimedia music-related content to users. This original intent of this project was to provide an online music dictionary with interactive media, containing features useful to the university environment. It is created with enough flexibility to be used as an educational tool for all types of subject material.

Family Pharmacy of Sarasota

2002-Present

URL: <https://ssl.familypharmacy.net/shopping.htm>

Techniques: **ASP, SQL Server, CSS, JavaScript**

A complete pharmaceutical shopping and advertising site. Features complete administrative control of the website content and shopping section.

- Extensive administrative tools for marketing, selling, and order processing
- Reporting for sales and order-level profiting to maximize revenue
- Per-click detailed logging and administrative analysis of traffic for constant evaluation of customer satisfaction

Triact Associates

2006-2008

Sr. Consultant

Senior consultant for Austin-based technology practice firm. Developed desktop, handheld, and web-based custom applications for eCommerce, warehousing, financial reporting, and educational systems.

Techniques: Flex, .NET, SQL Server, Java, PHP, MySQL

URLs: <http://www.triactassociates.com> ; <https://www.professionalsupplementcenter.com>

Additional URLs available upon request

Highlights:

- Built end-to-end eCommerce system from the ground up, supporting >\$2M annual revenue and >250 orders a day.
- Designed multi-tier rapid development tool in RIA environments
- Consolidated multiple live sites to a single administrative and financial processing center
- Designed and launched multimedia library training center in a desktop and browser-based system

Amplifier

2005-2006

Director, Applications Development

Led development of internal applications and client-facing web portals.

Techniques: .NET, SQL Server, Flash, Flex, JavaScript, PHP, MySQL

Highlights:

- . Launched secure client portal for internal contact management and report generation in twelve weeks
- . Developed and deployed an order management cover for a warehouse management system, delivered seamlessly during peak season
- . Designed and developed integrations and notifications between online stores and backend systems

BMC Software
eCommerce Technical Lead

2003-Present

Responsible for the maintenance and growth of BMC's eCommerce applications. Duties involve acting as contact point between IT and business/executive communities; architecting technical solutions; managing development and assisting the development of eCommerce projects.

Techniques: **SQL Server, Oracle, Visual Basic, Cold Fusion, Flash, .NET, Flex, ASP, JavaScript, JAVA, PHP**

URLs: <http://shop.bmc.com> ; <http://services.bmc.com/education/register/>

Highlights:

- Refined automation for order entry
- Provided integrations between isolated applications and BMC's product and customer master
- Redesigned large applications while in production for added flexibility and growth
- Automated data cleanup and validation
- Provided administrative interfaces for content management technical support

3D/International (Houston, TX)
Programmer

7/2002-2/2003

3D/I is an architectural and construction project management firm. Their in-house project and contact management software has given them a strong competitive advantage in their field. They have assisted in the renovation and construction of airports facilities, auditoriums, commissaries, prisons, libraries, and government and university facilities.

URLs: several demonstrations available upon request

Techniques: **ASP, SQL Server, DHTML, CSS, Access, JavaScript, VB Script, Flash, XML**

- Converted large-scale Visual Basic applications to ASP. Heavy use of DHTML and scripting for form validation.
- Developed and refined massive reporting of five-year growth plans for the California Community College System.
- Created custom project management software for the Defense Commissary Agency (DeCA).
- Optimized existing applications for use by the City of Phoenix.
- Developed executive summary sites for the Texas Building Procurement Commission.

Professional Compounding Centers of America (Houston, TX)
Project Lead, Web Development
Sr. Web Developer

12/2000-7/2002

PCCA is a supply company for independent compounding pharmacists. They provide these pharmacists with chemicals, devices, and training necessary to operate their businesses. PCCA was founded in 1981, has 300 employees, 3500 international members, and offices in Houston, Australia, and Ontario.

URLs: <http://www.pccarx.com>, <http://www.pceutics.com>

Techniques: **ASP, Visual Basic, Cold Fusion, SQL Server, MS Project, Access, COM, DHTML, CSS, Flash, XML, 3DS Max**

- Assisted in the rebuild of the company's Warehouse Management System, Customer Care System, and Order Entry System.
- Presented ongoing work and possibilities for technological growth to board members and executive committees.
- Organized and delivered technology symposiums at PCCA's international seminars.
- Managed the development of P*ceutics.com, an educational site through which pharmacists receive online training and ACPE-approved CE Credits.
- Managed the development of the company's messaging system. A critical part of PCCA is the Pharmacy Consulting Department. This system was written to facilitate the calls between PCCA's members and staff, ensuring that all calls are assigned, prioritized, logged, and followed through.

- Formalized coding standards, work flow, and documentation procedures for the company's software development.
- Developed the company's public site, members-only site, and intranet.
- Developed revision control, project tracking systems, and timesheet systems for the IT department.
- Developed help desk center for customer service and support teams.
- Developed automation processes for the validation and activation of digital certificates.

iGent Solutions, Bayport Technologies (Stafford, TX)

7/2000-12/2000

Sr. Web Developer

Programmer

iGent was a daughter web-development company of Bayport Technologies, a professional outsourcing organization.

Techniques: **Cold Fusion, ASP, SQL Server, Visual Basic, Access, DHTML, CSS, Flash, XML**

- Developed administrative sites for MML Relocation Management, featuring customer and administrative logins, dynamically generated reports, and data exports directly to Excel. Clientele of this portal included Schlumberger and BMC.
- Formalized coding standards for Visual Basic and web-based programming.
- Developed applications for Bindview's DirectAdmin software. Clients included Dell, Fairmont Hotels and Resorts, Cargill, Fleet Boston, and State Street Corporation. Applications featured retrieving data from clients' existing Excel or Access files and creating, editing, or removing users, groups, and permissions throughout their networks.

University of Houston

1998-7/2000

Web Developer

Programmer

Techniques: **Cold Fusion, ASP, SQL Server, Visual Basic, Access, DHTML, CSS, Flash**

Developed contact management software that continued to develop into the Rehearsalnet suite of applications (see above). Using this system, students would input their schedules into a web form, which was passed to administrators and imported into a Visual Basic application. Based on schedule compatibilities, private lessons and rehearsals were more effectively scheduled throughout the semester. The system featured printable schedules for studio and classrooms.

SELECTED CLIENTELE / WEBSITES

Bold text indicates large or internationally recognized clientele.

URLs indicate exclusive or significant contribution to the site.

Please also see <http://www.wgmiii.com/> for the most updated client list.

Client	URL
Arlis Associates	http://www.arlis.biz/
3D/International	http://software.3di.com/pws/login.asp?projectID=37; http://www.3di.com/mobis/
Bindview Corporation	
BMC Software	http://shop.bmc.com ; http://services.bmc.com/education/register/
Cargill, Inc.	
California Community College System	
City of Phoenix	
Defense Commissary Agency (DeCA)	
Fairmont Hotel Suites and Resorts	
Fleet Boston	
International Journal of Compounding Pharmacists	http://www.ijpc.com/
International Academy of Compounding Pharmacists	http://www.iacprx.org/
MML Relocation Management	
Opening Moves	http://www.openingmoves.com/
P*ceutics	http://www.pceutics.com/
Professional Compounding Centers of America	http://www.pccarx.com/
Professional Supplement Center	https://www.professionalsupplementcenter.com/
RX Site Design	http://www.rxsitedesign.com/
Schirmer-Thompson Music Publishers	http://schirmerdictionary-d.wadsworth.com/
Schlumberger	
SIA Consulting	http://www.siaconsulting.net/
State Street Corporation	
Texas Building and Procurement Commission	
Triact Associates, Inc.	http://software.3di.com/pmcs/ http://www.triactassociates.com/
Tom Foty Studios	
University of Houston – Rehearsalnet	http://www.rehearsalnet.com/
Vizify	http://www.vizify.com/
Washington Lodging	http://www.washingtonlodging.com/

EDUCATION

- University of Houston, Moores School of Music (Houston, TX) 8/1997-12/2001
 Doctor of Musical Arts (Piano Performance, Orchestral Conducting).
 Dissertation: *The Effects of Unequal Temperament on Chopin's Mazurkas* (<http://www.millersrus.com/dissertation/>)
 Summa Cum Laude, 4.0 GPA, Outstanding Graduate.
 Taught twelve undergraduate courses. Organized and conducted the University of Houston Philharmonic Orchestra.
- Eastman School of Music 8/1996-5/1997
 Master of Music (Piano Performance, Conducting).
 Taught four undergraduate courses.
- Virginia Commonwealth University 8/1992-5/1996
 Bachelor of Music (Piano Performance, Orchestral Conducting).
 Summa Cum Laude, Phi Kappa Phi, Pi Kappa Lambda, Phi Mu Alpha, Outstanding Undergraduate Award

INTERESTS

Classical music, classic literature, writing, chess, photography, higher math

REFERENCES - additional references available upon request

Employers

Rodney Copeland, BMC
 Manager, Web Development
Rodney_Copeland@bmc.com

Saul Valentin, 3D/International
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Bill Letendre, P*ceutics Institute
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Co-workers

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Clients

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