

## Scott M. Tann – *Middleware and Web Application Expert*

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### Programming Expertise

- Programmer since 1991, web developer since 1998
- PHP and related frameworks; XML, SOAP/Web services; some Ruby, Python, Perl; Bash & Powershell
- AJAX, Javascript (jQuery, Prototype/Scriptaculous), JSON, HTML5, CSS3, Apache/Nginx/LightTPD
- MySQL, PostgreSQL, SQLite, MSSQL, 4th Dimension; Wireshark, SNMP; Visio & Office
- Version control: Git, Subversion, CVS
- Magento expert (1.4.x through 1.9.x)

### Traditional and internet telephony

- SIP client configuration, operation, and troubleshooting, Asterisk IP PBXs, Class 5 softswitches, MUXes, session border controllers, voicemail servers
- Layer 3 switching, QoS/DSCP, SIP trunking, circuit emulation, TDMoIP, subnetting, vLANs, WiMAX

### Operating systems

- Unix/FreeBSD, Linux, Solaris 10, Macintosh OS X; Windows Server/XP/Vista/7/8

### Freelance technical writer and journalist; Fluent in French; some Spanish, German, and Russian

## Current Projects

### GBS Unlimited, Westerville, OH

June 2011 - present

#### President

Firm specializing in websites and web application development, network administration and security, SEO and SEM.

#### Most recent activity:

- Responsive design for two Magento sites – jQuery, HTML5, CSS3
- Custom inventory and order fulfillment code to connect e-commerce site to multiple distributors/dropshippers; data formats and fulfillment systems are different for each dropshipper – PHP, Perl, Bash, MySQL, CSV, XML/WSDL, SOAP
- Loyalty program processing code – track customer points spent and earned, synchronized with web and in-store purchases – PHP, Powershell, Ruby, Bash, MySQL, CSV
- Twilio web application to connect customer service operators to callers and track time, with reports and text alerts for time overages and credit exhaustion – PHP, Ruby, Bash
- Configured and installed server at FreeBSD in North Carolina to host websites with a combined traffic of 125TB/month – FreeBSD, Bash, Nginx, MySQL

## Previous Projects

### Cincinnati Bell Technical Solutions, Cincinnati, OH

March 2011 – April 2014

#### Senior Application Developer, subcontractor to General Electric

- Refactored “Touchless Build,” a PHP/Zend application that allows users to initiate virtual server builds
- Migrated “Touchless Build” to DynamicOps/vCAC; wrote dozens of Powershell, Perl, and Python scripts for new workflows
- Added reporting functions to “Tiered Security” Network Segregation Application, a PHP/Zend packet analysis application
- Extended Achievo Project Management application to allow time entry per project and advanced reporting on that data

**Resource Interactive, Columbus, OH, February 2011:** *Facebook application for Frédéric Fekkai, Purina Cat Chow website*

**Welspun USA, Columbus, OH, July - August 2010:** *Custom order fulfillment system between Magento and legacy Richter system*

**Tracer Media, Columbus, OH, June - September 2010:** *100% javascript-based UI for advanced testing website for McGraw-Hill*

**Health Compliance Associates, Columbus, OH, September 2009 - February 2010:** *Ruby scripts to process hospital billing records*

**Quest Software, Columbus, OH, July 2009 - August 2009:** *Complete CSS overhaul of support.quest.com*

**Promedia Ohio, Columbus, OH, Periodically from June 2009 – January 2012:** *Data processing functions for reallivingtours.com*

**383 Inc, Columbus, OH, August 2008 - May 2009:** *Project mgmt site for Four Points Construction, IP PBX for City of Wadsworth*

**ValTech Communications, Reynoldsburg, OH, July 2005 - August 2008:** *Engineered and managed VoIP installation between*

*Mansfield and Columbus, wrote software to process CABS bills and Metaswitch billing records – saving the company over \$125,000*

## Education

### University of Pennsylvania, Philadelphia, PA

September 1987 - June 1991

Bachelor of Arts, graduated *cum laude*; Columnist, *Daily Pennsylvanian*; Prose editor, *Penn Review*; Varsity Track

### Columbus Academy, Gahanna, OH

September 1983 - June 1987

Graduated in First Quintile, with honors; Varsity Soccer & Track