

**Objective:** To secure a position or service contact providing project management, technical consulting or engineering services for an organization in order to grow its capabilities, efficiency and value.

## **Work History**

### **Independent Contractor (Current)**

- Designed, engineered and implemented EDI transport system enabling a retail and warehouse business to integrate with SPS Commerce's EDI VAN service.
- Consulted a value assessment for a retail and warehouse business's network, backup and infrastructure needs when evaluating potential hardware and support vendors.
- Completed long-term contract (2.5 years) with a large retailer:
  - Successful integration project for multi-company acquisition. Initial goals were to integrate retail, product cataloging, sales, royalty and item master databases from acquired companies into parent company's ERP system. Long-term completed goal was migration of many of these foreign systems as native existence in parent company's infrastructure.
  - Upgraded royalty and licensing systems to handle business models from newly integrated properties.
  - Training and support to developers (to continue maintenance after me) as well as to end users.
  - Exhaustive end-user and technical developer documentation for contracted projects.

### **Fanatics (March 2010 – March 2012) – Lead Process Engineer**

- Hiring, training, development and direction for new team members
- SCRUM master for the department's engineering team; implemented agile development standards using the company's MS Team Foundation Server.
- Installation and integration of the DemandMade production/product management system into Fanatics
- Creation and deployment of an entirely new product development system: This system was responsible for moving each dynamic product from initial concept (product development team) through its life cycle to launch for on-line sale.
- Creation and deployment of a suite of licensing tools integrated into the approval process of product development and into the post-sale accounting and reporting systems
- Production system integration with the company's Microsoft Dynamics ERP system (DAX)
- Project liaison work between IT, product development and production departments in Pennsylvania and Florida.

### **DemandMade: (2005 – March 2010) – Software/Process Engineer**

- Storefront engines with social networking capabilities
- Multi-storefront promotional systems, including coupon codes, rate-based discounting and dynamic, cross-store product catalog marketing, store checkout and user account tools
- Order processing and Warehouse Management System with multiple shipping system integration
- Dropship, accounting and invoicing system
- Datawarehouse and a report-writing suite
- Traffic and sale conversion analysis tools
- Email marketing campaign tools

### **Fanbuzz (2000 – 2005) – Software Engineer**

- Upgrades to production and picking systems
- Data analytics and reporting systems
- Inventory system upgrades such as ability to transfer inventory orders from one physical warehouse to another
- A licensing system that auto-generated required accounting statements — freeing 100+ hours of labor resources per month

## Competence

### Programming / Languages

- **Perl:** Most of my programming language experience has been with using OO Perl to develop controller libraries as the primary API for a business system or database (through some sort of presentation templating system).
- **Apache with Mod\_Perl:** Primarily for site handlers and creating http APIs for needs such as image servers and xml requests.
- **PHP:** I've had far more experience with Perl frameworks than PHP but have used PHP in past development of web applications – most often when existing PHP packages need to be integrated into a system or when portability is a requirement.
- **Javascript:** You can't make a web application today without Javascript but with the availability of libraries such as JQuery/JQueryUI, Javascript is far friendlier than it once was. Almost all of my Javascript experience has been through some of these more popular AJAX libraries but I can hold my own when it comes to custom Javascript functions when needed.
- **SQL:** In addition to software developer, I am an experienced database administrator and relational database expert. I have experience primarily with MySQL but have also worked with Microsoft's SQL Server. My strengths are rationalization, architecture and optimization of production databases. I have also designed a number of data-warehousing systems where rationalization may be sacrificed for speed and a flattening of repetitively queried data is needed — i.e. for reporting and large search indexing.
- **Windows:** I have limited (but expanding) experience with Microsoft technologies, starting years ago with ASP 3.0. Since then, I have experience with MS SQL Server resources as applied to cross-platform projects (exposing assets and data through a Class::DBI model) and am currently developing a working understanding of C# 5.0, the .NET framework and ASP.NET-MVC 5.

### Markup / Web

Standard HTML, CSS, Javascript, jQuery, JSON, XML, etc.

### OS / Systems / Programs

- Redhat (CentOS, Fedora) and Debian (Ubuntu) based systems
- MySQL (Admin, usage, replication, backup strategy)
- Apache
- Vim
- CUPS
- VirtualBox
- JIRA
- Samba
- Rsync
- Eclipse
- Git
- MSSQL Server Management Studio 2008
- MS Team Foundation Server
- MS Visual Studio (Community 2013)
- MS Windows, MS Office 10, Libre/Open Office, etc.
- Limited/Functional experience:
  - C# 5.0 and .NET 4.5
  - PHP

### CPAN

- HTML::Mason and Mason (Mason2)
- Class::DBI
- Catalyst framework, popular Catalyst::Plugin(s)
- DBIx::Class
- Template::Toolkit
- Image::Magick (PerlMagick)
- GD
- Apache::Session::Wrapper
- Spreadsheet::WriteExcel, ParseExcel, etc.
- JSON::XS
- Net::CUPS
- MIME::Lite, other Mail(ers)
- Crypt::Blowfish
- Carp