

Brent Thomas Johnson

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Senior Application Developer

- I have designed and developed custom enterprise web/database solutions for mid to large-sized companies, allowing my clients to automate and/or streamline unique business processes. My responsibilities have ranged from online shipping integration, POS software integration with the web, to a myriad of web applications that company employees use to manage orders and inventory. My methodology consists of collaborating with the client in an effort to identify business requirements and attain the proper solution as the project moves through incremental iterations. This iterative development methodology will avoid hidden design obstacles and result in a product that the client envisions.
- WEB APPLICATION DEVELOPMENT: Object-Orientated Development:: PHP:: PERL:: ASP:: JavaScript:: CSS:: SQL:: LINUX:: APACHE:: IIS:: MySQL:: HTML:: AJAX:: Smarty Templating Engine:: Relational Database Design and Development:: ProductCart Integration:: Xcart Integration:: Graphic Production:: SEO:: Orbital/Authorize.net/CyberSource Payment Gateway Integration :: Studio Photography::

Work Experience

Gerobellum Inc, Chicago IL
Freelance Developer

2009 - Present

- CharityWatch.org: CharityWatch is a nonprofit organization that provides charity ratings on in-depth evaluations of various charities' data. In addition to redesigning the site, this project includes developing a subscriber based membership sign up process that controls access to site information, the more in-depth ratings, as well the quarterly printed publication. The project also entails importing Giftworks, a fundraising software, data and design a system to manage the contributors data with a web application. A content management system for CharityWatch.org will also be included allowing CharityWatch the ability to update the site content as ratings are updating or articles are posted.
- Cornerstonerestaurants.com: Recently completed developing a Web-Based Online Gift Card Purchasing program consisting of an e-commerce module. The project also included the consolidation and management of all of client brochure sites managed by Jump Higher Ingredients including among others: cornerstonerestaurants.com, michaeljordans23.com, onesixtyblue.com, soleamexico.com, soleamexicocity.com, soltororestaurant.com,

soltorotequilagrill.com, waverestaurant.com, zylorestaurant.com, and michaeljordansteakhouse.com, mjrestaurants.com. The e-commerce module utilizes LAMP and an integration of the Orbital Payment Gateway.

- Mpatmos.com: Recently released an E-commerce site for New York designer Marcia Patmos that works in conjunction with leroyandperry.com, a collaborative site that presents another line of work. Mpatmos.com and leroyandperry work are integrated from an administrative standpoint in order to streamline product display and client orders.
- Leroyandperry.com: Leroyandperry consist of the second domain managed my Mpatmos Design, Inc. Linux, Apache, MySql, and PHP are implemented in this e-commerce design.
- jameskjohnson.com: Currently working on a site to display the work of artist James K Johnson. The site attempts to present the past, present, and future work of the artist, in addition to revealing the process behind designing and building large scale metal sculptures, small scale bronze casting, and other pieces built from bronze, copper, aluminum, and glass. The site utilizes Flash, PHP, and MySql
- ChicagoVillageCobbler.com: The Village Cobbler needed a site to display and describe the work they do on shoe, purse, and leather repair. The goal of the site was to characterize the history of the shop and create a page the illustrates the worked performed utilizing before and after photograhy.
- Yoursportingapparel.com: Currently developing an E-commerce site for a sporting apparel provider. The site utilizes PHP, MySQL, AJAX, and interfaces with UPS to verify shipping rates and track packages. The project also contains a custom shopping cart and checkout module that interfaces with the merchant bank account.
- Vipertradeshonline.com: Recently completed work on an online tool for Viper Tradeshow Services that offers their clients the ability to order and configure their exhibits for various cross country trade shows and services. Zero bugs have been reported since going live in late January 2010. Viper Tradeshow Services is a major service provider for internal corporate events, company launches, and corporate showcases throughout the U.S. and Canada. The application has a web interface to help plan and manage the logistics of trade shows across the country for all of their clients. The system has incorporated business rules to allow for special labor rates, custom rates for products/variants for each individual show location, and customized tax rates for different cities, states, and municipalities. Recently built system enabling the administrator to upload show kits and documents, and the ability to link of the document to a show, saving the document information to a the database, and allowing the customer to download the show kit once they have registered for the event. System requires code to create account and tracks all user clicks. A flexible invoicing system has been created that allows Viper administrators to add subsequent surcharges and/or credits to existing orders which interacts with the credit card processor and simultaneously sends out an updated invoice to the client.
- Michaeljordansteaks.com: Responsible for maintaining and developing e-commerce site and productCart backend utilizing ASP 3.0 and SQL Server 2005. Currently enhancing the Content Management System and drop-shipping capabilities of the site. Developed new inventory management system that tracks inventory levels on not only product levels but also the packing used in the sale of products including the number of ice packs,

Styrofoam containers and gift boxes used. Developing corporate gifting center that allows single user to create a list of recipients and customize gifts and select dates specific dates gifts are processed.

- Gavina-graphics.com: Currently developing an internal inventory system that will convert a work order into a purchase order, track the production of products from the initial reception of goods and inventory accounting, document the art development approval process, track and account the work order as the product arrives at the production floor, and ultimately record the inventory count of the work order as it is boxed and shipped. A web login will be provided to a company representatives in order to monitor the progress of their purchase order and any alert potential delays in production. The ultimate goal of this application is to reduce product spoilage, provide accurate and high quality merchandise, and retain the confidence in all of Gavina-Graphic's clients that their orders will be managed and tracked as accurately as possible without any hinderances or delays in the production and delivery process. Developed client portal for screen-printing and embroidery company to manage the web orders of multiple domains. Gavina-Graphics has been contracted by various companies/clients to produce garments. Web application system also contains unique login for each company/client so they view orders and log all customer correspondence and manage all products for the different domains. Currently building system to handle bulk orders. Set up photo studio and trained staff on how to use equipment and edit/organize product images.
- Eiuclothing.com: Developed and Architect for e-commerce site. Created custom cart that is designed to display multiple variations of garment types and size runs for individual products. Created an administrative system that tracks all credit card transactions, manages inventory updates, customer service correspondence/questions for orders/product questions and logs all administrative activity with user names and time stamps. Built system that views products and corresponding variants with AJAX making it easy for the customer to browse all the possible color/size combinations and place them in the cart as quickly as possible. Set up photo studio and equipment. Photographed and edited product images currently on site.
- Products-rainbows.org: Lead Developer and Architect for e-commerce site for not-for-profit organization for children. Product views and cart checkout was developed primarily with AJAX.
- Yogaview.com: Developed content management system. Created web based administrative tools that control the schedule, class levels, and instructor's biographies, Responsible for coding and sending out company bulk emails to subscriber list.

Bonn Clothing Company, Chicago IL
Senior Application Developer

Oct 2006 – Jan 2009

- Lead Developer and Architect for e-commerce site. Developed proprietary system that connects the brick and mortar POS RPRO systems to the online system resulting in real time inventory data. Completed importing sales and product data from a third party service into proprietary system. Created scripts to matched previously unmatched RPRO data with web data into the new system. Built and managed server farm configuration that supports web business.

- Utilized MySQL, PHP, Linux, AJAX, CSS, Apache, Active Directory, and RPRO
- Built Qmail bulk email system that sends out 600,000 - 700,000 emails per week and tracks user movement from the moment of opening the email through the pages the user visited.
- Enhanced Search Engine Optimization via Apache rewrites and CSS.
- Built system for photography department to track and organize products and variants in shoot lists. Built system to match thousand of catalogue images with corresponding products.
- Created SOAP interface with FedEx and UPS shipping systems that provides customer tracking, rate quotes, required signatures, and price confirmation.
- Built GUI interface for content management system for company policies and press releases.
- Developed robust reporting system that reflects profit margins, daily and monthly sales statistics, and email click-through and open rates. All reports export to Excel.
- Managed network and company email.
- Designed artwork for emails and affiliate programs. Redesigned logo and graphics on website.
- Built backend system that coordinates work flow among the creative, customer, and shipping departments.
- Developed coupon system that limits by dates, users, sale items, or profiles.

Caxy Consulting, Chicago IL
Senior Web Application Developer

Sept 2003 – Sept 2006

- Lead developer for education website for the medical industry. Designed and implemented an email newsletter and calendar/scheduling application. Built backend tools used to publish online articles and send out automated notices to subscribers. Developed and implemented access level permissions to administrative tools and client side web pages. Developed automatic payment module and notification.
- Lead Developer for education website for an options trading company. Responsible for designing and developing backend administrative tools to manage users, subscriptions, and payment schedules. Created web interface to educational subscriptions, online discussion boards, and built custom shopping cart. Conceptualized and developed custom coupon payments options and integrated it with existing payment methods.
- Worked on numerous hospital web sites consisting of a content management, calendar module, event registration application, and newsletter with bulk mailer administrative tools. Utilized PHP, MySQL, Linux, and PEAR (PHP Extension and Application Repository).

Technium Consulting, Chicago IL
Web Programmer

Oct 2000 – May 2003

- Worked on a web application for the insurance industry using the .Net framework, Visual Studio.net, ASP.net, VB.net, Crystal Reports, SQL Server 2000, DevTrack, and Visual SourceSafe. Responsibilities included designing and building dynamic PDF reports across all modules of the application. Development included creating/accessing stored procedure in SQL 2000, grouping and sorting data in Crystal Reports, formatting objects, design page and report headers, and incorporate sub reports within main reports.

Significant time was devoted to writing formulas (scripts) used to format titles, data, sections, and headers conditionally based on data returned in query.

- Member of three person team that developed content manager for client web site using PHP/Oracle on Red Hat 7.1. Primary role in this three month project consisted of designing and implementing the code for all the screens, the navigation structure, and style sheets.
- Member of Internet/intranet development/design team. Designed and implemented web sites for clients including Go2Call.com and CertificateDepot.com. Worked with ASP, JavaScript, HTML, Photoshop, Illustrator, Homesite, and Visual Studio 6.0.
- Member of eight-man team that developed an online financial application using ASP 3.0, Visual Basic, and DB2).

Active Endeavors, Chicago IL
Web Designer

1998 – 2000

- Worked on team to design and implement company website. Developed numerous features using Perl/CGI and MySQL. Designed graphics using Illustrator and Photoshop.

Computing Services Offices, Champaign IL
Unix System Administrator

1990 – 1992

- System administrator for a Unix BSD 4.3 mainframe system. Performed backups, maintained newsgroups, set up and troubleshot printers, created student accounts, and provided general technical support.

Skills and Technologies

- Web Development Tools: Coda, TextMate, Pixelmator, Transmit, CrystalReports.Net, VisualStudio.net, ASP.net, ASP 3.0
- Programming Languages: Perl, PHP, JavaScript, VBscript, HTML, Korn shell, C ++
- Operating Systems: Linux, Solaris 8, Windows 95/98/NT/2000/XP, Cisco IOS 12.0, Mac OSX
- Integrated Software: Crystal Reports 9, CrystalReports.Net
- Miscellaneous: Apache, Dream weaver, Adobe Photoshop/Illustrator, Fireworks, Flash, CrystalReports.net, Visual Source Safe, Active Directory, RPRO, Plesk
- RDBMS: MySQL, Access, SQL Server 2000
- Photography: TravelLite 750, Canon 20D, Canon Rebel XT, Canon Speedlite 580EX

Education

- May 1998 M.A. History, Eastern Illinois University, Charleston, Illinois
- May 1992 B.A. Political Science, University of Illinois, Champaign-Urbana, Illinois
- Aug 2000 Internet Technology/Webmaster Certificate Program, Illinois Institute of Technology, Chicago, Illinois, An accelerated program covering Perl programming for the web, SQL programming, and web site design.

- Aug 2001 UNIX Systems and Networking/C++ Programming, Certificate, Illinois Institute of Technology, Chicago, Illinois: A hands-on accelerated learning program in the UNIX operating system (Solaris 8) that covers system administration, network administration, and C++/shell programming.

Certificates

- Sun Certified System Administrator for Solaris 8, 2001
- Cisco Certified Network Associate (CCNA), 2001

Past Projects

- Optionplanet.com: Lead Developer for a site dedicated to international options trading seminars and training. Option Planet is an affiliate of Thinkorswim Advisors, Inc.
- Redoption.com: Lead Developer on project dedicated to a subscription based options trading advisory site. Developed system to manage monthly subscription fees. Red Option is an affiliate of Thinkorswim Advisors, Inc.
- Tapfloral.com: Developer on three-person team for online wholesale distributor of artificial and permanent floral products. Customized X-cart e-commerce application to customer specifications.
- Corporate Printing You Can Trust: Lead Developer for project that managed print orders. Used PDFTK to create dynamic PDFs that clients used for templates for repeated print request.
- www.os-forum.com/minix/boot/index.php: Part of a two man team that designed and built an educational website used to teach the Minix operating system (an educational OS that was the precursor to Linux). The site is built with MySQL, PHP, and JavaScript and includes a robust message board application designed to allow users to respond to previous messages within the context of the thread.
- Greenville Hospital System: Worked on team to build robust administrative content manager, calendar application, and user interface.
- Saint Elizabeth Hospital: Worked on four-man team to build content management system that interfaced with Greystone Health Data Service.
- Certificatedepot.com/CertificateRebates.com: Part of 12 man team that developed an Online financial application used to buy up certificates issued by GM and sell them to car dealerships.

References available upon request.