Ryan Hilton

972-890-7012 ❖ Ryan@NewLegendMedia.com

Senior Internet Application Programmer

Create user centric Internet information solutions for online applications by designing, developing, and implementing applications using OO design patterns, MySQL, HTML5 and CSS3 on the LAMP stack.

❖ Areas of Expertise ❖

Languages:

- PHP 5.4
- C/C++
- Java
- Visual Basic
- Shell/Bash/Unix Scripts

Operating Systems & DB:

- Unix/Red Hat/Ubuntu
- MySQL 5.6
- Mac OSX
- Windows
- Open VMS

Control Panels

- Parallels Plesk Panel
- Parallels Virtuozzo
- cPanel Control Panel
- cPanel WHM

❖ Internet Applications ❖

E-Commerce:

- Magento Commerce
- OSCommerce
- FoxyCart Shopping Cart
- Authorize.net
- PayFlow Pro
- Chase Paymentech
- GeoTrust & VeriSign SSL
- UPS, USPS, Fedex
- Product Importer
- Sales Exporter

WordPress:

- Custom Post Types
- Custom Permissions
- BuddyPress
- WishList Member
- Yoast SEO
- Yoast Google Analytics
- Many more...

Internet Marketing

- MailChimp Email Marketing
- Constant Contact Email Marketing
- PRWeb
- Google Webmaster Tools
- RavenTools.com
- Landing Pages
- YouTube.com
- Google and Yahoo PPC

Professional Experience

Co-Owner, 1999-Present
New Legend Media – Carrollton, Texas

Participate in all aspects of business processes with emphases on Internet application development and system configuration. Work with customers to define requirements and design cost effective, scaleable, user centered solutions that meet budget constraints. Design and develop applications, plug-ins and modules as needed to to meet customer requirements.

Selected Achievements:

- Installed and configured Magento Commerce shopping carts, including writing custom modules and installing third party modules. Developed PHP 5 scripts that processed an XML file from the back office inventory management system to automatically update the product and category definitions in the online shopping cart.
- Installed, configured and customized an OSCommerce shopping cart website with over 100,000 products. Designed and implemented a script to import the product data from a proprietary formatted input file. Implemented an optimized product search using a token based hashing algorithm.

Sample E-commerce websites:

lonestarbaby.com ❖ usababy.com ❖ ameriseniorsmart.com ❖ thewiperstore.com ❖ penders.com

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Application Programer, 1987-1999
Prior Employment History

1998-1999 Lucent Technologies - Carrollton, TX
Senior Software Engineer

- Designed a network configuration to allow internal user and external customer access to a PBX administration system. Developed a path to stabilize the PBX administration systems and make them Y2K compliant
- Added host support for redundant mailboxes on a Voicemail administration system. Used Informix SQL to duplicate the mailbox information.
- Spearheaded a grass root effort to streamline the software development life cycle.

1993-1998 Syseca Inc. (formerly Johnson Yokogawa Co.) - Carrollton, TX
Network Engineer Specialist

- Designed a redundant TCP/IP and DECnet wide area network consisting of 19 local area networks.
- Configured CISCO 7000,4000 and 2500 series routers. Used Network General LAN Analyzers, WAN Analyzers and Master Console to troubleshoot and base-line the network.
- Developed and taught a 2 week networking class specialized to the Customer's network configuration. Standard and proprietary protocols were reviewed, as well as specialized software developed for the customer.
- Used Visual C++ to implemented a TCP/IP communication driver. The driver supported multiple connections to the serial ports of terminal servers attached to an Ethernet LAN.

1992-1993 DISC Inc. Automation Consultants Incorporated - Timonium, MD
Software Engineer

- Developed SNA LU6.2 applications that communicated to IBM CICS applications on Token Ring or SDLC communications lines. Performed SNA database configuration for the in-house development environment and the customer's production environment.
- System maintenance and product installation for a UNIX/AIX and C development system. Maintained and enhanced the 'Global Payment Deliver/ (GPD) software package that provided an interface between a bank and the United States Federal Reserve.

1985-1987 and 1988-1992 Texas Instruments (formerly Rexnord Automation) - Hunt Valley MD
Software Engineer

- Extensive programming in C on a VAX/VMS platform creating system and application level software for a Supervisory Control and Data Acquisition (SCADA) system.
- Designed and implemented a database access package used to retrieve real-time data values stored in either VMS global memory or disk archive files.
- Worked closely with existing customers to perform system software upgrades and migrate their applications to work with new system revision levels.
- Created a DECnet communication driver to synchronize databases between several diverse SCADA systems.
- Configured the DECrouters for WAN communication between 12 ethernet LANS. Optimized the VAX DECnet database (NCP) for WAN communication.

1987-1988 Johns Hopkins School of Hygiene, Baltimore, MD
Statistical Programmer

• Responsible for the maintenance and analysis of a large statistical database for the Multi-center AIDS Cohort Study (MACS). Performed statistical analyses to aid in the development of tests to detect Human Immunodeficiency Virus (HIV).
• Developed an automated process for creating questionnaires used to collect the input for MACS database.