

Andy Hill

hillad@gmail.com

IT Professional with experience in project management, e-commerce, data analysis, troubleshooting, emerging technologies, and complex research

Driven professional with passion for the web and data

- Regularly given projects with short time frames because of the confidence that they will be done on time
- Developed highly optimized e-commerce checkout process with high conversion rates (PHP/MySQL)
- Analyzed and resolved problems faster and with more accuracy than any other technician in the office
- Heavily emphasized analysis-driven development/deployment
- Exceeds 100 wpm typing speed

Results driven “Techie” with the unique ability to deal in layman’s terms and develop easy to use concepts

- Planned and implemented migration of 30+ SQL Server 2000 databases to SQL Server 2005
- Noted by management for reliability and ease of use in the various reports that have been developed
- Salvaged e-commerce project and increased online sales over 100%
- Coordinated and performed hardware/software upgrades to ESX Servers drastically increasing performance and fault tolerance

EDUCATION

Murray State University, Murray KY Spring 2007-Current
Currently Pursuing: Masters of Science in Information Systems

Murray State University, Murray KY Fall 2001-Spring 2006
Bachelors of Science with Business, Computer Information Systems (E-Commerce Emphasis) AACSB Accredited

Programming Languages: ColdFusion, JavaScript, PHP, SQL, Python, Java, C++

Technologies: VMware Virtual Infrastructure 3, bash, Windows PowerShell, CSS, Ajax, (X)HTML, Django, XML, JSON

Databases: Microsoft Access, MySQL, SQL Server 2000, SQL Server 2005, DB2

Operating Systems: RHEL, Gentoo, SuSE, Debian/Ubuntu, Microsoft Windows 2000, Microsoft Windows Server 2003, XP

EXPERIENCE

Murray State University – Information Systems, Murray KY Nov 2007-Current
Assistant Database Administrator

- Updated/managed ETL processes from mainframe to DB2/SQL Server 2000/SQL Server 2005
- Repurposed a shared SQL Server 2000 server after coordinating and performing the migration of over 30 databases
- Performed many client/server application upgrades/installations, creating documentation and verifying disaster recovery procedures
- Served as primary database administrator for databases running SQL Server 2000, SQL Server 2005, DB2 and MySQL
- Designed and implemented a flexible, robust backup of all Virtual Machines using Windows PowerShell, VI-Toolkit, and VMware Consolidated Backup
- Planned and executed the upgrade of Virtual Infrastructure adding network, storage, and hardware redundancy to ESX hosts

City of Owensboro, Owensboro KY Dec 2006-Nov 2007
Web Analyst/Developer

- Redesigned local Utility Company's Online Bill Payment site for greater ease of use and cross browser compatibility
- Overhauled 5 websites simultaneously while performing routing updates/revisions to existing sites
- Designed, Developed and Launched Property Tax Payment website for citizens to make online bill

payments

- Created several interactive maps related to citizens needs
- Used existing APIs such as Flickr/Google Maps to reduce cost and development time
- Configured PHP to use unixODBC to connect to IBM iSeries machine (which used DB2) to interact with legacy applications
- Developed custom PHP/MySQL CMS with LDAP integration for website management
- Migrated web server from PHP4 to PHP5, MySQL 3.x MySQL 5, dynamically configured virtual hosts with Apache 2 and SSL Certificates

Gragg Advertising, Kansas City MO

May 2006-Dec 2006

Interactive Programmer

- Designed, implemented, and reported on Direct Response E-mail Marketing Campaigns down to client ROI
- Developed an online shopping cart using a heavily modified osCommerce, PHP, and MySQL
- Wrote custom job to migrate store data to client's proprietary shipping/packing system
- Increased client sales by over 100% with highly optimized checkout process
- Reported on client sales by geographic location, dollars spent, and advertising campaign ROI
- Worked with creative department to create attractive convertible websites
- Analyzed all client and internal website traffic by search engine referral
- Optimized internal and client websites for higher search engine visibility

Murray State University - Center for Teaching, Learning and Technology Murray KY

2001-2006

Academic Support Specialist

- Developed inventory system to aid purchasing decisions in Microsoft Access and ColdFusion
- Coded a statistics system which led to intelligent business decisions that saved public computer labs over \$25,000
- Spearheaded the migration of over 300 pieces of legacy content to a standards-compliant redesign which emphasized accessibility (US Govt Section 508 Compliance), usability and uniformity
- Produced a Clock in/Clock out system for computer lab workers which minimized timecard discrepancies
- Taught training workshops for faculty and students on Dreamweaver, Microsoft Access, Blogging, and other high-tech topics