

Casey Merrill

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OBJECTIVE To obtain a career which will allow me to gain experience relevant to my degree and previous work experience, ultimately contributing to the success of the company.

EDUCATION **Westwood College of Technology** **Denver, CO**
Bachelors of Science in Software Engineering, October 2005

- 3.88 GPA, Graduated with honors while working full time.
- Various programming languages learned, along with critical and logical thinking.

SUMMARY

- **Operating Systems:** *Ubuntu Desktop/Server Editions, Microsoft XP/Vista/7, CentOS*
 - **Languages:** *PHP, HTML, Javascript, JQuery, CSS, Java, Visual Basic, Pearl, Python, C++*
 - **Soft Skills:** *Logical and Critical thinker, Excellent Communicator, Quick Learner*
 - **Frameworks:** *CakePHP, CodeIgniter, In-House Frameworks*
 - **Experienced with:** *WordPress, SugarCRM, Moodle, Google Maps, Base, Checkout, ADLDAP, RETS 1&2, PEAR, PECL*
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EXPERIENCE **MCN Healthcare** **Denver, CO**
Senior Software Developer ~ (2008 - Present)
MCN Healthcare is the leading healthcare compliance software provider. As a senior member of the team, my responsibilities include mentoring junior members in various tools including PHP and MySQL, tackling larger more complex projects from research through implementation, designing specific modules all focused on customer satisfaction and company profit.

- *Technologies used: SVN, Ubuntu 10.04 Desktop/Server editions, Microsoft XP/7/Server/Office, NetBeans, PHP, MySQL, Apache, Linux(LAMP), Active Directory, Memcache, Smarty Template engine, CodeIgniter, Moodle, SimpleTest, Selenium IDE, CPanel, WordPress, HTML, Javascript, JQuery, PHP MyAdmin, NaviCat*
- Agile Methodology used. Daily meetings were performed within both 1 week and 2 week iterations.

- Converted enterprise applications to be 508 compliant, implemented tools to alert developers of non compliance which ultimately led to government contracts.
- Using PHP, created a user authentication system based on Active Directory LDAP that integrated into our enterprise applications.
- Extensive bug fixes for all legacy applications that required unit and regression testing.
- Analyzed and re-factored slow and inefficient queries for optimal performance, and redesigned database structures and relationships when re-factoring queries proved ineffective.
- Converted corporate website into a WordPress template that allowed customer service to relieve development of future website updates, including products, and shopping cart data.
- Created a web service that converted Microsoft Office documents(Word, PowerPoint, Excel) into plain text and PDF files based on the requirements that were given.
- For the period of 6 months, I was responsible for all server maintenance, including patches, upgrades, and LAMP (Linux, Apache, MySQL, PHP) setups. This also required the use of tools and notifications to ensure server up-time(Nagios was one tool).

InvestorLoft

Denver, CO

Contracted Software Developer ~ (April 2009 - July 2009)

Featured in the New York Times, CNNMoney, MarketWatch and The Wall Street Journal, this tool was the first of its kind to offer real estate investors a way of searching real estate property by cash flow, equity and cap rate. It was my responsibility to ensure the website stayed operational, fix bugs and create a RETS(Real Estate Transaction Standard) importer to allow new areas to come aboard quickly.

- *Technologies used: Ubuntu Desktop/Server editions, Cpanel, SVN, NetBeans, PHP, MYSQL, RETS 2.0*
- Setup and administered code repositories using SVN.
- Created a RETS Importer to allow new MLS boards to be integrated faster. What would normally take a week to get a new state/area added, was shortened to a day.
- Developed importers for older versions of MLS boards which required custom scripts to log into ftp servers, extract archived data, map tab delimited files and insert/update them in a MySQL database.
- Bug fixes and maintenance for legacy applications.

SphereBuilder LLC

Denver, CO

Software Developer ~ (2006 - 2008)

A real estate CRM(Customer Relationship Management) based off of a highly customized version of Sugar CRM allowing real estate agents to track users to their website and keeping in constant contact. It was my responsibility to fix minor bugs, and oversee the daily property imports for 14+ MLS Boards.

- Technologies used: *Ubuntu Desktop/Server editions, Cpanel, SVN, NetBeans, PHP, MYSQL, RETS 2.0, Apache*
- Responsible for querying data for new RETS/MLS boards along with the custom coding required for each.
- Developed systems using PHP/MySQL that allowed the automation of daily imports for over 14 MLS boards, each of which had tens of thousands of properties.
- Extensive bug fixes and customizations to the Sugar CRM open source project that SphereBuilder was based off of.
- Integrated Google maps for property searches for each agent website, allowing caching of latitude and longitude codes and specific property information per marker.
- Handled all level II support tickets from customer server and tech support.

The Broe Companies

Denver, CO

Desktop Support Technician ~ (2005 - 2006)

Support local and remote users with their computers, various proprietary applications, personal printers, multifunction printers and copiers, software and hardware issues.

- Updated the Legal Management System after weekly meetings with the legal department.
- Changes to the LMS varied from Graphical User Interface using VB.net, to Access/SQL database structural updates.
- Made frequent updates to www.broe.com, www.mckinleymed.com, and its' various sub-companies.
- BES Administrator for the company which included phone activation, troubleshooting and maintenance of all employee blackberries.
- First in line to support CEO/VP and various others who required red carpet support.

IBM/CISCO/CCI**Boulder, CO***Remote Helpdesk Technician ~ (2005 – 2005)*

Supported local and remote users with their general PC issues and questions. Gained extensive knowledge with proprietary IBM/CISCO applications.

- My duties mirrored that of a help desk technician but remotely. This included fixing VPN tunnels, IMAP to Exchange email migration, printer troubleshooting and basic operating system questions.
- Promoted to VIP Red Carpet support which was designated for VIP members of CISCO such as Board Members, Directors, Vice Presidents throughout the company.