

Sam Barrow

Resume

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Summary

Technical professional with extensive knowledge of computer hardware and software. Areas of expertise include Windows 95 through 2003, hardware and PC assembly, UNIX (particularly Linux, some BSD), TCP/IP networking, and web development with PHP and MySQL. Most of this knowledge was self-taught, however some was acquired through courses at Montgomery College, including C++, HTML/XHTML, and UNIX/Linux. I also have Java experience with technologies including Spring, Hibernate, Wicket, Db4o. Some mobile experience with the Android platform.

Experience

- Hardware and Support Technician, Metro Systems Inc., Alexandria, VA, May 2007 (temporary job). Responsibilities included transportation and connection of PCs, as well as post-installation user support.
- Server Move Project, June 2007 (temporary job). Assisted in the moving of the Department of Transportation's servers from Washington, DC to Frederick, MD by performing rackmount installation and cable connection at the destination site.
- Worked as a PHP developer for AetherQuest Solutions, located in Falls Church, VA for approximately 1 year.
- Worked as a PHP developer on a contract basis for Hard Corps INC in Arlington, VA.
- Owned SixServe, a free web hosting business with over 9,000 customers. Brought uptime on all servers from around 60% to at least 99.5%, and reduced monthly operating costs by about 80% by implementing an entirely new software and hardware infrastructure.

Projects/Consulting

- Designed a social networking web application. Functionality included signup with email activation, secure login, user profiles with multiple photos, photo ratings, messages, comments, profile search including zip code proximity calculator, and much more. Implemented with PHP 5, MySQL, and fully W3C compliant XHTML and CSS.
- Designed UbuntuHCL.org as a hobby project. PHP/MySQL application. Running on a self configured and maintained LAMP server running Apache, PHP, and MySQL with SSL capability.
- Built from scratch and maintained Java-based inventory and data mining software for CellCycle USA, LLC, a cell phone recycling company. Features include E-Bay API integration and advanced pricing research engine. Included mobile front-end for pricing research.
- Built mobile application for Android OS for real estate inspections, along with Java-based server side processing application.

Certifications

- Comptia A+
- Comptia Network+
- Comptia Linux+
- Zend PHP 5 Certified Engineer
- W3Schools HTML Certification

Technical Skills

- Operating Systems: Windows (95, 98, ME, 2000, XP, 2003 Server), Linux (Ubuntu, Debian, Fedora, Mandriva, Slackware, and more), BSD (mostly FreeBSD).
- Programming Languages: PHP, Java, VB, C/C++, UNIX Shell Scripting, Perl, SQL, XHTML/CSS, XML, JavaScript.
- Servers: Apache, MySQL, BIND, Sendmail/Postfix, Dovecot, ProFTPd, OpenSSH, Tomcat, Jetty, JBoss, and more.
- Windows Applications: Microsoft Office (Word, Excel, Outlook), Adobe Photoshop.
- Java Libraries: Spring, Hibernate, Wicket, JDBC, JTA, JMS, Quartz, FreeMarker, Db4o, Log4j, and more.

References

- Terrence Young: Friend and former co-worker at AQS. 773-606-3340
- Erica Arriaga: Worked together as independent contractors at HCI. 571-265-4513.