

James Michael Buehring

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Objective:

To further enrich technology-driven settings where my skills, knowledge, and experience are continually challenged and enhanced in order to achieve peak productivity.

Education & Certification:

- March 2007 - Present
Zend Technologies, Ltd. -- <http://www.zend.com/>
 - March 10th, 2007: Certification examination for PHP 5 passed
 - Officially titled as Zend Certified Engineer
- August 2005 - May 2007
Saint Xavier University -- Chicago, IL
 - May 2007: Graduated with a Master Of Applied Computer Science degree in Internet Information Systems
 - Cumulative GPA: 4.0
 - Repeated semester honors and scholarships maintained throughout.
- August 1999 - December 2004
Purdue University -- Hammond, IN
 - May 2002: Graduated with a Associate Of Science degree in Computer Information Systems & Computer Programming
 - Dec 2004: Graduated with a Bachelor Of Science degree in Computer Programming
 - Repeated semester honors and scholarships maintained throughout.

Employment:

- July 2007 - Present
Ifbyphone, Inc. - Skokie, IL
Software Engineer
 - Utilize VoiceXML and CCXML to create and maintain a suite of automated, interactive telephone applications.
 - Manage the intermingling of our PHP code-base, voice interpretation and interactivity platforms, and virtual PBX infrastructures to complete our SaS offering.
 - Facilitate front-end development in a wide variety of combinations and implementations, leveraging browser-based packages such as jQuery and subordinate plugins.
 - Harmonize customer-facing portal configuration with the underlying call processing logic.
 - Facilitated migration of PHP 4 code base to PHP 5, introducing Object Oriented concepts.
- July 2002 - July 2007
School City Of Whiting/Apex Consulting - Whiting, IN
Assistant Director of Technology/Systems and Network Administrator
 - Responsible for troubleshooting, maintaining, and repairing over 500 workstations and 22 servers spread across 4 buildings throughout the corporation.
 - Responsible for overall operation and security of the corporation server and LAN/WAN.
 - Involved in the decision-making process for technology implementation and change throughout the school corporation.
 - Responsible for programming and management of several corporation security/facilities management systems: video surveillance, electronic door access, heating/air conditioning
 - Developed two homegrown, web-based "trouble ticket" management systems for all faculty members to utilize when submitting problems and requests to both the Technology and Maintenance/Operations departments through implementation of the "LAMP" open source solution stack -- replacing decades-old paper trail systems.

- January 2000 - May/June 2002
Calumet College Of St. Joseph - Whiting, IN
Computer Lab Assistant
 - Responsible for maintaining the operation of 5 computer labs.
 - Assembled entire computer systems and labs from scratch.
 - Frequent hardware maintenance and upgrades on lab machines.
 - Assisted students and faculty with the operation of all available hardware and software.

Specific Skills:

- 20 years of computer and technology exposure, 11 years of real-world experience.
- 15 years of programming experience, 3+ years of real-world experience.
- Intimate knowledge of networking concepts -- including the implementation, maintenance, and administration of the TCP/IP protocol suite.
- Intimate knowledge of installation, operational management, and security and of many operating systems:
 - Apple Mac OS: Classic 6.x - 9.x, OS X 10.x and beyond
 - Microsoft Windows: NT 4, 2000, 2003, XP, Vista, 7
 - UNIX-based: FreeBSD, OpenBSD, Dragonfly BSD, Sun Solaris, and varying flavors of Linux from Debian-based to Redhat-based.
- Well versed in both proprietary (closed source) and open source software solutions.
- Intimate knowledge of installing, configuring, upgrading, and maintaining the “LAMP” open source solution environment:
 - Linux (BSD) operating systems
 - Apache (1.x, 2.x) web application server
 - MySQL (4.x, 5.x) relational database management server
 - PHP (4.x, 5.x) scripting language
- Comfortable working with and learning unfamiliar hardware platforms and software environments.
- Comfortable working with many major Object-Oriented design patterns.
- Exposure to such popular PHP frameworks as Zend Framework, CakePHP, CodeIgnitor, and Yii.
- Excellent troubleshooting and analysis skills coupled with strong decision-making abilities.
- Strong written communication and documentation abilities.
- Quick adaptation to change and the acquisition of new, computer-related skills.

Programming Skills:

- Application languages:
 - C/C++
 - Java
 - Ruby + Rails
 - Python
 - REALbasic (Primarily Mac OS)
 - Microsoft Visual Basic (Pre-.NET)
 - Perl (In limited amounts)
 - COBOL (2 college semesters)
- Web Services:
 - REST
 - XML-RPC
 - SOAP
- Web and voice languages:
 - PHP 4/5 (Server-side scripting)
 - HTML/XHTML (Client-side markup)
 - CSS 1/2 (Markup styling)
 - XML (Web services, RSS, etc.)
 - JavaScript (AJAX & client-side scripting)
 - JSP/Servlets (Server-side scripting)
 - ASP (Server-side scripting - Pre-.NET)
 - VoiceXML 2.x + SRGS-SISR Grammars
 - CCXML 1.0
- Relational database query languages:
 - SQL (MySQL, MSSQL, PostgreSQL, SQLite)
 - Oracle PL/SQL

References:

Available upon request