Samit Vartak

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SOFTWARE DEVELOPMENT PROFILE

Solutions-oriented, technically sophisticated IT Professional with 5 years experience in software development using a variety of programming languages on different platforms and operating systems with the proven ability to apply technical knowledge and skills to the strategic benefit of the organization.

TECHNICAL SKILLS

Programming Skills	HTML, CSS, JavaScript, PHP, ASP, JSP, ASP.NET, Servlets, XML, Ajax, VB.Net, C#, Java.
Databases Used	MS-SQL, MySQL, MS Access
Web Servers	IIS, Apache
Designing and Photo Editing	Dreamweaver, Photoshop, Flash, Flash Actionscript
Operating Systems	Windows, Red Hat Linux
Other Software	MS-Office, Acrobat Professional

EDUCATION

Master of Science, Computer Science   Aug 2008
George Mason University, Fairfax, VA, USA

Bachelor of Engineering, Information Technology   May 2003
University of Mumbai, Mumbai, India

WORK EXPERIENCE

Senior Technical Consultant   Aug. 2006 – Present
College of Education and Human Development,
George Mason University, Fairfax, VA

- Designed and implemented a comprehensive data base driven website for the College of Education and Human Development (CEHD) (http://cehd.gmu.edu) using **MySQL**, **PHP**, **XHTML**, **Ajax** and **MODx** open source Content Management System (CMS).   This project included a public website and intranet. The database tracks and links people (including contact info, roles, titles, affiliations, etc.), courses (including semester-specific variations), locations (buildings, rooms, campuses, etc.), academic entities (departments, programs, degrees, certificates, etc.), application requirements, and other related information.

- **Led a team** of four programmers.

- Responsible for **troubleshooting**, updating and testing of over 100 PHP snippets and 12,000 webpages.

- Developed the online Field Experience Request Form, http://cehd.gmu.edu/endorse/ferf using **HTML**, **PHP**, **MySQL** and **Ajax**. This form automated a paper process and is used by hundreds of students seeking internships each semester.

- Setup and configured three university servers with **Linux**, **Apache**, **MySQL**, **PHP** (LAMP)

- Designed and developed conference websites using **HTML**, **CSS**, **ASP**, **Access**, **MySQL**, **PHP**, **Dreamweaver Templates** that include registration, email confirmations, administrative interfaces for tracking attendees and payments.
  - Conference on Protection websites of Unaccompanied and Separated Children: http://childalone.gmu.edu/

    Joint venture of **U.S. Department of State** and **GMU**
  - Make the Message Matter: http://makethemessagematter.gmu.edu/

    Sponsored by **College of Education and Human Development (GMU)**
- Authored a plugin currently featured on the MODx site (http://www.modxcms.com/Page-TOC-Generator-1274.html) which generates a page-specific Table of Contents based on the page's heading structure in **PHP**.

Software Engineer   June 2003 – June 2006
Convonix Inc., Mumbai, India.

- Pioneered the creation of Hitstatz **web analytic software** tool for **search engine optimization**. Hitstatz is a hosted solution developed in **ASP** and **MS-SQL** that runs in any client environment. The software captures statistics of visitors, page views, and referrers and generates statistical analysis on the trends and effectiveness of web marketing campaigns.
- Created **Campaign Management System (CMS)** using **ASP**, **VB.Net** and **MS-SQL**. The CMS is designed to track, analyze and provide rankings on various Search Engines to clients on the success and impact of their direct marketing campaign on various search engines.
- Worked with the Partner to build the software development team of 3 and managed them to the success of Hitstatz.
- Responsible for redesign of various in house websites.
- Responsible for making various search optimization related changes to client websites.

ACADEMIC PROJECTS

George Mason University

- **Blog Application:** Developed a Blog application as a part of curriculum using **Servlets**, **JSP** and **JavaScript**.
- Fault tolerant Distributed Coordination System developed in **JAVA** using a ring based algorithm. A single token is passed among the nodes to detect faults. The system detects and recovers from the fault.
- Digit Recognition in a coin image using **Matlab**.

University of Mumbai

- Developed a comprehensive online communication system for VAIDS Technologies Pvt. Ltd. using **ASP** and **MS-SQL** featuring a web-based email system with fill in, preformatted forms for staff to submit and track requests. Programming elements included newsletter creation and distribution as well as an easy to use administrative interface for updating users, forms and workflow.

REFERENCES

References available upon request