

SUMMARY

- 5+ years of successful software development experience with exposure to start-up, non-profit, and consulting business.
- Wide exposure to the Open Source world, as a user, an author, and a promoter.
- Balanced technical strengths in back-end and front-end software engineering, theoretical computations, and networking.
- Strong leadership, communication, and interpersonal skills.

SKILLS

- **Languages:** PHP, Perl, Python, Java, C/C++, BASH, SQL, HTML, Javascript, XML, T_EX/L_AT_EX.
- **Infrastructure:** Oracle, MySql, Postgresql, Apache, Tomcat, LDAP, SVN, 50+ open source tools and libraries.
- **Operating Systems:** Linux, Solaris, Windows.

EMPLOYMENT HISTORY

- **Senior Software Engineer,** Spikesource Inc (2005 - Present)
Successfully performed various functions from the early days of the company until now; including R&D, Operation, Product Development, and Community Development.
 - Instrumental in development of Open Business Readiness Rating (Open-BRR), a rating mechanism to measure the readiness of open source components in enterprises. Developed the methodologies, documentations, tools, website, and performed community development.
 - Improved Spikesource's order fulfillment system; integrated with external license management system and internal update delivery infrastructure.
 - Successfully developed a Web 2.0 Collaboration Suite (SuiteTwo) Prototype for a pitch, which landed investment from Intel Capital.
 - Successfully architected and implemented single sign on framework for SuiteTwo. Open-sourced and presented the framework at OSCON 2007.
 - Lead a team in India to implement enterprise grade user management system for Suitetwo including support for OpenID.
 - Developed tools to automatically deploy Spikesource's Solution Factory to multiple factory instances.
 - Implemented REST-based communication framework for the Solution Factory components.
- **Technical Consultant,** Lightsky Design Studio (2002-2003)
Architected and provisioned infrastructures for internet, intranet, and database services for Lawrence School District, Indianapolis. Userbase, over 15,000 users.
 - Developed data-extraction, data-transfer, and server maintenance scripts.
 - Developed server replication, load balancing, and fault tolerance tools.
- **Web & Database Application Specialist,** Goshen College (2001-2003)
Responsible for improvement and maintenance of all Goshen College intranet services. Userbase, over 1,200 users.
 - Successfully managed a team of 7 interns.
 - Architected and implemented an integrated college portal for alumni, students, faculties, and staff members.
 - Created a college online job and resume bank, online payroll processes and user management tools.
 - Built online admission statistical reports and report generator.

ACTIVITIES

- *President*, Penn State Harrisburg International Affairs Association (2004 - 2005)
- *President*, Goshen Linux User Group (GLUG) (2001 - 2003)
- *President*, Goshen College Student Senate (2000 - 2001)
- *Member*, Goshen College Strategic Planning Committee(2000 - 2001)

EDUCATION

- *M.Sc., Computer Science (GPA 3.91)* 2005
Pennsylvania State University Harrisburg, PA
Master's Thesis: *Ant Based Optimization for Multiway Graph Partitioning*
- *B.A., Computer Science and Applied Mathematics (GPA 3.78)* 2001
Goshen College Goshen, IN