

OBJECTIVE

To obtain full-time position in the area of software design and development that provides opportunity for vertical growth in responsibility and lateral growth in terms of exposure to various technologies and industry domains

PROFESSIONAL WORK EXPERIENCE (3+ years)

- Google Summer of Code 2008** (Work from Home) Contract Worker May 2008 – Aug 2008
- Worked on open source OpenBiomind project for Singularity Institute for Artificial Intelligence (SIAI)
 - Designed and developed OpenBiomind-GUI (<http://code.google.com/p/openbiomind-gui/>)
- Clearsighted** (Ames, Iowa, USA) Summer Intern May 2008 – Aug 2008
- Cognitive modeling for Intelligent Tutoring Systems using Carnegie Learning Cognitive Tutor
 - Worked towards developing xPST: Extensible Problem-Specific Tutor (<http://code.google.com/p/xpst/>)
- GlobalLogic** (Noida, UP, India) Senior Software Engineer Feb 2006 – Jul 2007
- Designed and developed a stand-alone server for BroadSoft Inc, Maryland
 - Designed and developed new server side features for Zones Inc, Washington
- Quark Media House** (Mohali, Punjab, India) Software Engineer Jun 2004 – Feb 2006
- Involved in development of four successful releases for Quark Workflow Engine (QWE)
 - Managed the development of 3.2 release **leading a team** of four as a **Module Lead**
 - Localization Head** for QWE localization and **Team Coordinator** for UI development

EDUCATION

- M.S. Computer Science** Iowa State University, Ames IA **GPA: 3.71** Expected May 2009
- Research Assistant** for ProblemSpace (web-based learning management system) since Aug 2008
 - Teaching Assistant** for Computer Literacy and Applications (Com S 103) from Sep 2007 to May 2008
 - Secretary** for Graduate Advisory Committee (GAC) in Department of Computer Science since Jun 2008

Special Projects:

- Thesis (ongoing):** Developing a scalable algorithm to help users to combine two ontologies; under the guidance of Prof. Vasant Honavar
- Scalable Constant Time Reasoner:** Demonstrated an approach to build efficient Description Logic reasoner that can run in near constant time and can scale easily (<http://www.cs.iastate.edu/~bsanghvi/projects/sctr>)

- B.E. Computer Engineering** Devi Ahilya Vishwavidyalaya, India 79.0 % May 2004
- Represented school** in ACM Asia Programming Contest Bombay 2003 (18th position among 126 teams)
 - Winner of all the programming contests organized in the school

PROFESSIONAL SKILLS

- Languages & Technologies** Java/J2EE, Eclipse RCP, Swing, C/C++, Spring, Hibernate, JDBC, EJB, JSP/Servlets, SQL, XML, HTML
- Design & Processes** OOAD, Agile, SCRUM, Extreme Programming, Design Patterns, UML
- DBMS** MySQL, Oracle, MS SQL Server
- Operating Systems** MS Windows, MS-DOS, Linux, Mac OS X
- Tools** JUnit, Apache Tomcat, JBoss, SMV, Spin, Wiki, JiRA, SVN, CVS, VSS

HONORS & AWARDS

- Received QuarkPro award (**Top Individual Performer**) at Quark
- Received **Spot Appreciation award** (Zones) and an Appreciation Certificate at GlobalLogic
- Secured **5th position** in IEEE C/C++ Programming Contest Indore 2001; **2nd position** in C-Online Programming Contest Surat 2004; ranked among **top 250 programmers** in Google Code Jam India 2006

ACTIVITIES

- Judged at State Science & Technology Fair of Iowa 2008
- Organized and judged in Mini-ACM Programming Contest 2008 at Iowa State University