

Bhasker V K

Objective To pursue my personal and professional goals in a research environment, that provides opportunities for challenging work in the domains of information retrieval systems and human-computer interaction.

Areas of Interest Web Technologies, Natural Language Programming, XML-based Ontologies , End-User Programming, Information Retrieval

Education

B.Tech - Information Technology - Anna University (2002 - 2006) Graduation: Sri Venkateswara College of Engineering, Sriperumbudur Aggregate : 72.0 %
TN State Board Class XII : School :SBOA Higher Secondary School, Chennai Aggregate : 92.8 %
CBSE Class X : School : Chinmaya Vidyalaya, Ernakulam (CBSE) Aggregate : 84.2 %

Work Experience Software Engineer, TutorVista Global Pvt Ltd, Bangalore June 2006 – July 2007

TutorvistaNow <http://www.tutorvista.com/now> **June 2006 - July 2007**
Rich Interactive Application, for pen-based whiteboard usage in the facilitation of cross-resolution remote e-learning. Involved prototyping in three different languages, and development of proprietary features in collaborative computing. (Actionscript 3.0 /Flex , DHTML / Javascript, PHP 5.0)

Tutorvista Calendar <http://www.tutorvista.com> **Aug 2006– Dec 2006**
Rich Interactive Application, for the calendar-based scheduling process used at Tutorvista.com ,optimized to work with server-side cached data. (DHTML / Javascript, PHP 5.0 , CSS)

TutorVista Announcements <http://www.tutorvista.com> **Jun 2006 – Aug 2006**
Built the RSS feed syndication system, including the rich text editor, API's for role based read-write privileges, as well as the customizable RSS reader widget. (DHTML / Javascript, PHP 5.0)

Projects

The Returnable Project <http://returnable.org> **2007**
A cross-platform end-user programming framework for spawning intuitive behavior on the web.

ExcelKoder <http://www.bhaskervk.com/js/excelkoder/> **2007**
An interpreter for the migration of spreadsheet data to wikitext and native html.

ReusableJS <http://bhaskervk.com/libraries/reusable> **2006**
A javascript library for handling xml based data manipulation, and idempotent event handling.

js-IN <http://sourceforget.net/projects/js-in/> **2006**
A real-time interpreter for Indic script, with the working prototype modeled for Hindi to English transliteration.

Final Year Project <http://svce.ac.in> **Dec 2005 – Jun 2006**
Interactive voice response, and speech recognition of dynamically generated grammars for web based news and file data retrieval for SALT compliant browsers, using the Asynchronous Javascript and XML (AJAX) client server

model and its comparison with a traditional client server model. (C# , SALT / XML , DHTML / Javascript)

ajacss <http://ajaxian.com/archives/ajacss-accessible-ajax> **2005**
 Delivery of low resolution animation on ubiquitous displays as well as a lexicon dictionary generator based on hand-writing input, used in building training sets.

T-Tray <http://forums.techenclave.com/> **2003**
 A desktop based newsgroup, news feed parser, and forums user status notification utility. Became Moderator & Staff member on TechEnclave.com 's Programming & Software forums in 2004.

Blyp **2002**
 A kiosk-modeled desktop word processor for the visually impaired ,capable of emitting a sound of each letter typed in a configurable voice.

Papers & Publications

1. **“The Ethnographic Study of Returnable : An End-user Programming Environment for the Web”** , Submitted to DUX 2007, Chicago (Nov, 2007)
2. **”The Next Wave of Education : Grooming Entrepreneurs”**, I-Manager Journal of Management , Vol II, 2006
3. **“Adoption of Indian Languages in Open Source”**, Computer Society of India (CSI) Communications Journal , Nov 2005 Issue
4. **“The Analysis of a Wireless Network for a Mapping System on Mars”** , Proceedings of Crescendo 2004, Chennai 2004

Skill set

Programming	Web: HTML, JavaScript, PHP, Actionscript (Flash & Flex) , CSS Others : C / C++, C# , RegEx, shell scripting , url rewriting Ontologies : XML , XSL, SVG , RDF , XUL , SALT
Other	Paper Prototyping , User Experience and Design Studies

Affiliations & Awards

1. **Invited Expert** (2007 – present), World Wide Web Consortium (W3C) HTML Working Group.
2. **Peer Reviewer** – Design and User Experience Conference 2007 ,Chicago
3. **Executive Member of Alumni Association** (2007 – present) , SVCE
4. **General Secretary** (2004-05) , Association of Information Technologists, SVCE, Coordinator for the Annual Technical Symposiums as well as the Entrepreneurship Cell's Representative to IIT – Bombay's e-cell.
5. **Microsoft Student Partner** (2004-2005), SVCE . My team's project was nominated as the top 100 among 18,000 submitted that year.
6. **Tablet-PC SDK Lab Assistant** , TechEd 2005 One of the five Microsoft Student Advocates selected for Microsoft 's TECHED 2005 conference (June 20-23) in Chennai.
7. **Staff Member & Forums Moderator** (2003 - present), TechEnclave.com , one of India's largest and most active technology forums having 16,000 odd members as of May 2007.
8. **Roteract Vocational Director** (2000), Chinmaya Vidyalaya, Ernakulam, and organized social service initiatives and camps.
9. **National Level Scholarship** ,for All- India II Rank in CBSE English Class X

References

- Mr. Ravi Kannan , CTO – TutorVista, Co-Founder - Mcafee
- More available on request