

KEDAR THAKUR

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EMPLOYMENT

Infinite Energy, Gainesville Software Developer Intern Jan 2011-present

- Enhanced Jasper Reports plugin for Struts2 to generate multiple reports with various templates in a single PDF file.
- Migrated the Pipeline/Zone tracker module from Struts1 to Struts2.
- Developed new navigation menus and improved user experience using jQuery UI.
- Worked on more than 40 other enhancements and bug-fixes.

University of Florida, Gainesville Web Developer Mar 2010- Dec 2010

- Developed a new coursework evaluation tracking application that allowed creating new surveys, recording responses, generating summary reports and graphs.
- Maintained the departmental computer network and website.

Tata Consultancy Services, Mumbai, India Software Engineer 2006-09

- QA lead for 5 indirect sourcing ERP applications for client GE.
- Led the successful migration of a legal e-billing software to the new T-360 system.
- Extensively tested and verified around 20 major application & infrastructure upgrades.
- Analyzed business requirements, designed, tested and configured solutions for deploying ERP applications for GE operating units in US, Europe and Asia.
- Received a 10/10 performance rating four times.

EDUCATION

University of Florida, Gainesville MS, Computer Engineering (GPA: 3.0) 2010-12

- Achievement Award from College of Engineering

University of Mumbai, India BS, Computer Engineering 2002-06

TOOLS/TECHNOLOGIES

Intermediate: Java, J2EE, Eclipse, HTML, PHP, SQL, CodeIgniter, Joomla, SVN

Beginner: C++, CSS, Javascript, jQuery, Drupal

PROJECTS

Atlas Reactivity Engine Optimization

- Developed a new GUI for the reactivity engine using Java Swing.
- Optimized the rule processing engine to evaluate sensor data efficiently.

Popularity Ranking Algorithm

- Developed a popularity ranking algorithm for nodes in a mobile network based on inter-node encounters and encounter duration.
- Used the algorithm to compute popular nodes in network datasets such as the UF campus, CRAWDAD, etc.

Toy Database

- Developed a single user database for a very small subset of SQL using C++.

Multicast DNS Server

- Developed a prototype for a proposed multicast DNS standard.
- Implemented features such as URI registration, query processing.

GCC Research – Undergrad project

- Investigated ways to incorporate the Heaviest Sub-Tree First(HSTF) algorithm into GCC
- Developed a patch to predict processor register usage for simple arithmetic expression evaluation in GCC.

Others:

- Developed several websites.
- Developed a small Android application for scheduling exercise activities.
- Conducted a comparative usability analysis of two browser add-ons.

ACTIVITIES

SPIC MACAY – Indian Classical Music Group

- One of the lead organizers of the Fall 2011 concert at UF Music Department, which was attended by ~125 people. Conducted event publicity (online, around campus), coordinated with volunteers, helped with venue setup on event day.

Asha UFlorida

- Volunteer for the annual cultural show Praharsha 2011.
- Performed publicity around Gainesville, event photography, venue preparations.

UF Entrepreneurship Club

- Participating in a weekly lecture series about entrepreneurship.
- Part of “Let the Gator Lead”, a leadership learning program (Fall 2011)