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RESEARCH INTERESTS

✓ Data Mining, Data Analytics. Mining of social network text using machine learning techniques.

Project experience:

1. **Project Name** : **VHPD**

Vignette's High Performance Delivery (VHPD) solution optimizes the performance of most websites. Designed as a set of services that are available to delivery applications, VHPD offers dependency-based caching by tracking the relationships among content instances, templates, pages, and sections. VHPD is not an object cache; it offers intelligent page-centric caching which decreases the total amount of server processing required within your web delivery system. Vignette High Performance Delivery retrieves cached pages from both memory (level 1 cache) and disk (level 2 cache) using its Cache Reader component (for more details on the Cache Reader refer to VHPD Components on page 21). If a requested page is not available among the cached items stored in memory then the Cache Reader will look for the page in the file system. If the page does not exist in either place then it will be generated dynamically and cached for later use (provided the page is set to be "cacheable"). Each cached and cacheable page receives a unique hexadecimal cache address used to reference it throughout the VHPD system. The way these addresses are assigned ensures an even distribution of cache entries in the level 2 cache(s). I was working as team mebers and tools used are C, Unix(HP-UX, Solaris) , Linux, Windows, Microsoft Visual Studio, Windbg, gdb , Rational purify , Apache, Tomcat, APR API

2. **Project Name : Openweb-OIB**

Openwave recently acquired a company known as Widerweb (http://www.widerweb.co.uk/). They have an http proxy product that fetches web pages, and transforms the page content for delivery on cell

phones (getting rid of frames, javascript, or resizing images, etc.) The product code is written in C++. The original product worked on Linux (RHEL 4 update 4), and we have ported it to Solaris 10 on different architecture i.e. SPARC and X86. We are using the third party libraries like ImageMagick-6.3.4, Boost_1.34.0, and JavaScript 1.6.13. We had build the http server with those TP libraries and doing smoke test and checking there performance like TPS and memory uses.

3. **Project Name : NISE-SDI**

The Network Inventory & Service Environment (NISE) platform offers AT&T Local Network Service an inventory management system that supports the provisioning, network capacity and planning. The NIS-ESDI-Core system is used to design global architecture that accelerates database of records of network inventory, clean and migrate to single solution attains concept of one for network inventory management for core and local, eliminates network database discords that cause service order processing defects, rework and stranded assets, reduces running the business costs for legacy and surrounding applications, and provides design and implementation workflow automation to eliminate numerous service-specific surrounding legacy systems. This platform is a group of tightly integrated applications to replace and enhance the inventory and functionality found in the circuit order layout record and access line inventory systems. The Service Design and Inventory system is an exceptionally adaptable object oriented software asset that has achieved the integration of a wide range of functionality and a high degree of software reuse across diverse customer applications. I was working there as a team member. Used technolgy as C++, Pro*C, HP-UX, Oracle 9i and the project location was IBM Bangalore.

Academic Qualifications

- Ph. D. Continuing, BPUTE India
- M. Tech. (Computer Science) Utkal University, India

Teaching Experience

1. Worked as Lecturer in Silicon Institute of Technology, Bhubaneswar since December 2008
2. Worked as Lecturer in Computer Science in GIET, Gunupur from August 2003 to August 2004.
3. Work as lecturer in SITE Bolangir from August 2000 to July 2001

Industrial Experience

1. Working as Senior Software Engineer at Virtusa India Pvt. Ltd. Hyderabad since March 2008.
2. Worked as Software Engineer at Persistent System Ltd., Pune from April 2007 to Feb 2008.
3. Worked as Software Engineer at IBM Bangalore from May 2006 to April 2007.

PUBLICATIONS

JOURNAL& CONFERENCES

International Conference:

"A genetic programming approach for training radial basis functional neural networks" in International Conference, Systemetic, Sybermatics ICSE-2006

National Conference:

"Stranger Sociometry in Particle Swarm Optimization ", National Conference organized by RIT, Berhampur. 2005