

Asim Kadav

CONTACT INFORMATION	1210, W. Dayton St., Madison, WI 53706 USA	<i>Cell:</i> 608-698-5025 <i>E-mail:</i> kadav@cs.wisc.edu
OBJECTIVE	Seeking a responsible and challenging full-time position starting July 2009 that leverages my Masters degree and 3+ years of full-time work experience.	
EDUCATION	Masters in Computer Sciences, May 2009 University of Wisconsin, Madison, Madison, WI. (Current GPA: 3.75/4.0) Research Assistant with Dr Michael M. Swift since May 2008. Bachelors in Computer Sciences <i>with distinction</i>, May 2004 National Institute of Technology, Nagpur, India. (77.585 % aggregate) <i>Formerly Visvesvaraya Regional College of Engineering</i>	
HONORS AND AWARDS	Summer Research Fellowship, Dept. of Computer Sciences, University of Wisconsin, May 2008. Outstanding performance award from IBM Systems and Technology Labs, April 2007. Award from Oracle Corporation for consistent performance, April 2005. Scholarship under National Scholarships Scheme from Central Board of Secondary Education.[File - A-229/98], April 1998.	
WORK EXPERIENCE	IBM Systems and Technology Labs, Pune, India <i>Systems Software Engineer</i> February, 2006 - July 2007 Member of India development team of IBM's parallel clustered file system product- GPFS (General Parallel File System) and was involved in developing the product for 64 bit Solaris SPARC V9. Oracle Corporation, Bangalore, India <i>Technical Analyst</i> June, 2004 - February 2006 Development of storage and database solutions including fault tolerant and self adaptive systems, resource monitoring, database cloning, data re-organization, performance tuning and query optimization.	
PUBLICATIONS	Asim Kadav and Michael M. Swift, "Migrating direct-device access virtual machines" towards the proceedings of " <i>Workshop in I/O Virtualization - 2008</i> ", co-located with OSDI 2008. To appear. Asim Kadav and Mehul M. Joshi, "Setting up a multicluster environment using General Parallel File System" published at IBM DeveloperWorks.(http://www.ibm.com/developerworks/systems/library/es-multiclustergpfs/index.htm) [May 2007] Deergha Sahni and Asim Kadav, "Approaches to Dynamic Program Analysis" (poster) towards the proceedings of "Workshop on Next Generation Programming Environments & Languages" organized by IBM Research Labs-IIT Delhi.[November 2006] Asim Kadav and Deergha Sahni, Disclosure(IP) "System for Clock Aware Generation of Speed Dial Lists" published at ip.com [IPCOM000152213D]. [November 2006]	

SELECTED PROJECTS

Migrating direct-device access virtual machines. [September 2008]

Error Tolerance Analysis of emerging, parallel applications. [May 2008]

Reliability analysis of ZFS by simulating on-disk block corruption. [December 2007]

Cache architecture for real time ray tracing application. [December 2007]

Designed log corruption forecast and recovery algorithm as an adaptive system. Was subsequently awarded for the same. [August 2005]

Designed system for monitoring and recovery of ERP cloning systems. [April 2005]

B.E project: "Efficient Trigger Implementation in MySQL 4.0". [April 2004]

Design and Implementation of FINE - a web based Content Management System. [August 2003]
(runs <http://www.vnitalumni.org>)

Development of Win2Lin, an ext2 file system access system from Win32 systems (under Dr S.R.Sathe). [June 2003]

TEACHING EXPERIENCE

Teaching assistant at University of Wisconsin for CS 302: Introduction to Object-Oriented Programming & CS 552: Introduction to Computer Architecture. [Sept 2007 - May 2008]

Full time training on Distributed Systems and Memory Management at IBM. [June 2006]

Full time training Database Fundamentals for Quality Team at Oracle Corporation. [June 2005]

SEMINARS AND TALKS

Talk on General Parallel File system Internals on General Large file system implementation issues. [June 2006]

Talk on Oracle ERP cloning and database wait events. [February 2005]

Presentation "Artificial Intelligence Depicted using simple games", presented at a seminar organized under Technical Communication Curriculum. [February 2003].

Presentation "Simple Genetic Algorithms", at Odyssey, National Level Tech Fest. [December 2002].

WORKING SKILLS

Products: Xen 3.2, Oracle 8.1.7, 9I R2, GPFS (General Parallel File System), Oracle Applications 11i.

Languages: C, Kernel/Device Driver Programming, C++, PHP, Shell, Perl, awk, SQL and PL/SQL (*Oracle Certified Professional*), HTML, CSS.

Operating Systems: Linux and Solaris

Tools: vi editor, cscope, lex, yacc, TOAD, MS Visual Studio 6.0, Oracle Applications and ad tools.