

Anurag R. Katiyar

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Objective : Challenging middle level position in software research and development.

Education

- **University of Arizona** Tucson, AZ
Master of Science in Computer Science (CGPA:4/4) Jul. 2006 - Expected May 2008
 - Ongoing Since July 2006
 - Relevant courses: Advanced Operating Systems, Computer Graphics, Parallel Distributed and Multithreaded Computing, Machine Learning, Compilers, Databases, Computer Architecture, Computer Networks, Sensor Networks, Principles of Programming Languages (Current), Computer Vision (Current), Theory of Computation (Current)
 - Recipient of Graduate Tuition Scholarship for 2006-2007
- **Birla Institute of Technology and Science, Pilani** RJ, India
Bachelor of Engineering(Hons.), Computer Science (CGPA: 3.67/4.0) Jul. 1997 - May 2001
 - Graduated with Honors and Distinction
 - Relevant courses: Microprocessor, Computer Networks, Network Programming, Discrete Maths

Skills

Languages: C (Proficient),C++ (Working knowledge),Java (Beginner), Python, Matlab, L^AT_EX, SPIM Assembly

Operating Systems: Windows 95/98/NT/2000/2003/XP/Vista, Netware, Linux, SELinux, Solaris

Databases: DB2

Applications/Methodologies: Rational Purify, Microsoft Exchange, Symantec Ghost, OpenGL, XML, NDMP, IPV6, Disaster Recovery, Clusters (Windows/Netware), Corba, Directory Services (NDS,Edirectory), MatLab, MASM, TASM,

Security: Extensive experience writing secure code and auditing code for security-related errors

Miscellaneous: Well versed with software life cycle development, software configuration management, strong verbal and written communication skills, excellent troubleshooting and debugging skills, exceptional problem solving skills, good teams skills

Work Experience

- **Microsoft Corporation** Redmond, WA
SDET Intern May. 2007 - Aug. 2007
 - Responsible for the design and implementation of component and licensing verification utility for the upcoming WIN7 release.
- **Symantec S/W India Ltd.** Pune, India
Senior Software Engineer Jan. 2006 - Jul. 2006
 - Designed and Implemented a remote agent that enables users to take IBM DB2s database backups and restore/roll forwarding (version based and point in time recovery) using BackupExec 11.0 product.

- **Symantec S/W India Ltd.** Pune, India
Software Engineer *Jan. 2004 - Dec. 2005*
 - Prototyped a new linux based Backup Exec product by porting code
 - Worked on supporting Windows and Linux based backup/snapshot agents from Netware Media Server for Veritas Backup Exec for Netware 9.2 [BENW 9.2].
 - Fixed bugs in the backup engine for Veritas Backup Exec for NT 10.0 product release [BEWS 10.0]
 - Implemented the support for Disaster Recovery and Multi-server Novell Directory recovery in the BENW agent for Netware 6 [BENW 9.1]
- **Veritas S/W India Ltd.** Pune, India
Associate Software Engineer *Jul. 2001 - Dec. 2003*
 - Implemented the feature to perform backups and restores across a firewall in the Veritas BackupExec for Netware [BENW 9.1].
 - Provided support to take backups using BENW 9.1 in an antivirus environment.
 - Enhanced existant CD based browser installation support for BENW 9.1
 - Led the team that designed and implemented Backup to Disk feature for Veritas BackupExec for Netware [BENW 9.1]
 - Implemented multi slot loader utility operations for for Veritas BackupExec for Netware [BENW 9.1]
 - Implemented Media Label job for Veritas BackupExec for Netware [BENW 9.1]
 - Prototyped Novell Directory Print Services based job log printing for Veritas BackupExec for Netware [BENW 9.1]
 - Certified Backup Exec for NetWare 9.0 with Novell developer PAL testing [BENW 9.0]
- **Veritas S/W India Ltd.** Pune, India
Development Intern *Jan 2001 - Jun. 2001*
 - Designed and Implemented utility jobs (catalog, erase, retention, eject, rewind) for Veritas Backup Exec for Netware [BENW 9.0]
- **Bhabha Atomic Research Center (BARC)** Bombay, India
Software Project Trainee *Summer 1996*
 - Developed Win32 GUI application to monitor analog and digital signals at Reactor Control Division

Awards/Achievements

School Topper Class 12th(94%)	1997
Awardee of National Talent Search Examination(Awarded to only 250 students all over India)	1996
Filed five invention disclosures at Veritas and Symantec related to my work area.	
Recipient of A++ Award at Symantec for going beyond the call of duty	2006
Received Merit Scholarship at BITS for all 4 years of my undergraduate education.	1997 to 2001
100% Graduate Tuition Scholarship at CS Dept (UofA)	2007
Graduate Registration Scholarship at CS Dept (UofA)	2008

Teaching and Research

- **Graduate Research Assistant at ECE dept University of Arizona**
Spring 2008 under Dr. Ali Akoglu
- **Graduate Teaching Assistant at CS dept University of Arizona**
CSc245 Introduction to Discrete Structures Fall 2007 under Dr. Lester McCann
- **Graduate Teaching Assistant at CS dept University of Arizona**
CSc252 Computer Organization Spring 2007 under Dr. Patrick Homer

- **Grader at CS dept University of Arizona**
CSc545 Graduate Algorithms Fall 2006 under Dr. Alon Efrat
- **Guest Faculty at College of Engineering Pune India**
Discrete Logic and Structures, Software Engineering and Org Behavior *Jul. 2003 - Dec. 2004*
- **Adjunct Faculty at MBT and Wipro, Pune India**
Operating Systems and Data structures and Algorithms *Jan. 2005 - Jun. 2006*

References : Available on request