

SUMMARY OF SKILLS

- 2 years of industry experience as a Computer Systems Engineer
- Management of customer relationships, product implementation support and problem resolution with proactive suggestions for improvement
- Configuration and integration of external storage arrays like T3 array, A1000, D1000 and A3500
- Setup of RAID solutions using RAID Manager, Veritas Volume Manager and Solstice DiskSuite
- Configuration of High Availability Solutions using Veritas Cluster Server
- Implementation of Backup Solutions using Veritas NetBackup and Solstice DiskSuite
- Development of system software for speculative execution of instructions using value prediction with neural networks

COMPUTER SKILLS

Languages and Tools : C, C++, PERL, MPI
Operating Systems : Linux, Sun Solaris, MS Windows 98/2K/NT, MS-DOS
Database : MS Access

PROFESSIONAL EXPERIENCE

NORTHEASTERN UNIVERSITY COMPUTER ARCHITECTURE RESEARCH (NUCAR)

Boston, MA

Research Member

Jun 2003 - present

- Currently researching the feasibility and implementation of instruction value prediction using neural networks. The value predictor has been implemented in C and added to the sim-mase simulator available in the SimpleScalar toolset.

ICICI INFOTECH

Mumbai, India

Technical Executive

Jan 2002 - Aug 2002

- Configured a 2-node active-active cluster using *Veritas Cluster Server 1.3* with E6800 SUN servers as cluster nodes
- Worked with *Veritas Filesystem 3.4* using features like snapshot and file system resizing
- Implemented Backup Solutions like *Veritas NetBackup 3.4* with Sun E6500 as the master and media server and an HP robotic tape library with DLT-8000 drives
- Administered the XP-256 storage array in a SAN environment using Brocade switches for hosts connectivity

WIPRO INFOTECH

Mumbai, India

Systems Engineer

Aug 2000 - Dec 2001

- Provided technical support for Times Of India, ICICI Bank and Hathway Cables
- Configured *external storage* arrays like T3, A1000, D1000, and A3500 and integrated them with Sun platforms
- Implemented RAID solutions using *Raid Manager 6.1*, *Veritas Volume manager 3.1.1* and *Solstice DiskSuite 4.2*
- Configured the LDAP Directory structure using *Netscape Directory services 4*. Setup of mail services using *Netscape messaging 4.1*. with user authentication from LDAP and DNS lookup provided by *Bind DNS*
- Installed and configured CISCO routers and switches

EDUCATION

NORTHEASTERN UNIVERSITY

Boston, MA

Masters of Science in Computer Engineering

Sept 2002 – Jun 2004

- Teaching Assistant for Electronics and Computer Networking laboratories
GPA: 3.63
- Nominated for “The Outstanding TA of the Year” Award during both years of study
- *Academic Projects*
Computing Minimum Connected Dominating Sets (MCDS) in Ad Hoc Wireless Networks using C++
Parallel implementation of DFS using C and MPI
Simulation and performance evaluation of disk-scheduling mechanisms in I/O subsystems using DiskSim
Simulation and performance evaluation of a cache memory subsystem using C

Graduate Courses

Network Communications	Computer Architecture	Mobile and Wireless Networking
Internetworking	Parallel Architectures	Enterprise Storage Systems (conducted by EMC)

MUMBAI UNIVERSITY

Mumbai, India

Bachelor of Engineering in Electronics

Jun 1996 - Jun 2000

PROFESSIONAL CERTIFICATIONS

- Sun Certified System Administrator for Solaris 2.6 – Level-1
- Cisco Certified Network Associate 2.0