

OBJECTIVE To take up a full time software development position in a pioneer company and do challenging work in the field of Networking, Multimedia, Wireless or E-Commerce.

EDUCATION

1999-2000 Graduate Student in **M.S. Computer Science** program at the University of Illinois at Urbana-Champaign. (Graduating in December 2000) **GPA : 3.8/4.0**

1995-1999 **Bachelor of Engineering (B.E.)** in Computer Science from College of Engineering, Guindy, Anna University, Madras, India **GPA : 3.8/4.0**

RESEARCH INTERESTS

Computer Networks, Mobile Computing, Distributed Systems, Multimedia & E-Commerce

RELEVANT COURSE WORK

Design of DCOM, Advanced Distributed Systems, Multimedia Operating Systems, Communication Networks, Computer Networks & Distributed Systems, Operating System and Combinatorial Algorithms.

WORK AND RESEARCH EXPERIENCE

2000 Summer Intern at **Sun Microsystems** - Worked in the Internet Engineering group on the Solaris Network Cache & Accelerator (NCA) and on the Solaris Modular Debugger (mdb).

1999-2000 **Teaching Assistant** for CS 125 - Introduction to Computer Science and Engineering using Java at University of Illinois at Urbana-Champaign. (Voted **Excellent TA** in CS for 2000)

1999-2000 Performed Active Research in the field of Multimedia Operating Systems and Networking, involving MPEG 2 video streaming over the internet; with Prof. Klara Nahrstedt.

1995-1999 Active part time member of Research & Development at **ICOMM Technologies**, India. (ICOMM Technologies India is a subsidiary of ICOMM Inc. USA)

PROJECTS

- Worked on the performance enhancements of servers running Solaris OS by using a new modified approach to the **Network Cache & Accelerator(NCAv2)** in Solaris OS. (*Sun Microsystems*)
- Updated **Mdb** kernel debugging macros for easier Solaris bug debugging. (*Sun Microsystems*)
- Designed a **Video Conferencing System** on the Sun Solaris platform. (*Jan-May 2000*)
- Designed and Implemented a **Bulletin board** for chatting and file sharing using TCP. (*Jan-May 2000*)
- Designed and implemented a **Reliable file transport protocol**, using UDP. (*Jan-May 2000*)
- Designed and Implemented an **Automatic Target Recognition and Gun Control System** (ATRGCS) as part of the Final Year Thesis project of B.E. (*Aug 1998 - May 1999*)
- Performed Congestion Control for ABR traffic in ATM Networks on a test bed. (*Aug-Dec 1998*)
- Implemented a 3-Dimensional Modeling and Computer Animation project. (*Jan-May 1998*)
- Implemented a Secure Network using a Public Key Encryption (*Jan-May 1998*)
- Designed and Implemented a Compiler for C language using Lex and Yacc on a Unix platform. (*1997*)
- Designed and implemented a Simulator and Assembler for a MC68000 microprocessor. (*1997*)
- Redesigned the network platform at Silicon Studio, Pentafour. (*ICOMM Tech*)
- Provided RAID technology solution for the www.cricinfo.com server. (*ICOMM Tech*)
- Provided intranet solutions for G.M.Pens, makers of Reynolds ball pen. (*ICOMM Tech*)

TECHNICAL SKILLS

Operating Systems : DOS, Windows 95, Windows NT, Unix, Solaris, Linux.
Platforms familiar : Sun Solaris, Windows, Iplanet Web server, Apache web server.
Databases : Oracle, SQL Server, Developer 2000.
Prog. Languages : C, C++ , Java, Pascal, Prolog, Unix Shell, 80x86, Assembly.
Others : Visual Basic, Visual C++, HTML, PERL, Java Script, Dynamic HTML.

ACHIEVEMENTS, AWARDS & HONOURS

Rajya Puraskar from the Governor in 1994.
Best Student Award in 1993. Government of India Merit Scholarship in 1995.
Nominated Excellent TA in CS Dept. in Sept 2000 Diploma in Advanced Java Programming 1999.