

OBJECTIVE To obtain a position as an intern for summer as a software engineer/maintainer, that enhances my software development skills.

EDUCATION **University of Southern California, Los Angeles, CA**
Master of Science in Computer Science May 2002

COURSES Database Systems, Introduction to Computer Networks, Broadband Networks, Issues of Programming Language Design (Programming on the World Wide Web), Software Engineering, Software Management and Economics, Intelligent Embedded Systems.

Hindustan College of Engineering, University of Madras, India

Bachelor of Engineering in Computer Science and Engineering May 1999

COURSES C and C++ programming, Data Structures, Database Management Systems, Computer Networks, Operating Systems and Software Engineering.

COMPUTER SKILLS

Languages: C, C++, Java, JavaScript, HTML, CSS, ASP, XML, UML, Visual Basic, VBScript

Database Tools: Oracle, Sybase, MS SQL 2000, MS Access

Operating Systems: MS DOS, UNIX, MS Windows 95, 98 and 2000, Mac

Packages: MS Project, MS Office suite, Adobe Golive

Additional skills: Software Troubleshooting

WORK EXPERIENCE

- Technical Consultant, College Computing Center, **University of Southern California** (August 2001-Present) **Responsibilities:** PC, Mac setup, troubleshooting, software installation and troubleshooting, setup, installation of drivers and configuration of peripheral devices, network configuration and troubleshooting.
- M.S. Swaminathan Research Foundation, Madras, India (March 2000- June 2000) – Design of **Library Automation System** with **MS SQL 7.0** and **ASP**. Involved the creation of an ASP based web page with MS SQL server as the database for storing book details.

PROJECT EXPERIENCE

1. Collaborative Project Management Tools

Involves the installation, configuration, and glue code development for integration of commercially available project, content and document management tools like MS Project, Xerox DocuShare and iPlanet Process Manager, preparation of transition, support and test plan for these products.

2. Mac/Win Databases to Web Solutions

Involves operational concept, system requirements and architecture design, and life cycle planning for converting existing database of the Gerontology library at USC from a standalone system to a globally available web-based system.

3. Online Shopping

Involves the creation of an online shopping center using HTML forms, Cascading Style sheets and JavaScript as the client and MySQL and Perl as the server side scripting language.

4. Software Agents

Involves the creation of software agents called as Aglets. Implemented using Java (JDK 1.1.8) and Aglets

5. Automated Traffic Signal Controller

Uses the concept of Thin Server/Fat Client paradigm to control remotely located devices over a network and implemented using a TIGER BASIC embedded programming language on Windows 95 with a front end of JDK 1.1.6 and Symantec Visual Café

6. Video Library Application

Performs transactions of videos in a video library by maintaining Video details and customer details. Implemented using SYBASE and C++ as front end on UNIX

7. Students Administration System

Performs administration of students in an Institution by maintaining student details and grade details. Implemented using MS SQL 6.5 and Visual Basic on Windows NT.

AWARDS Secured the first place and a shield in an IT competition "INNOVATE 98" conducted by S.R.M Engineering College, Madras, India