

Chetan Satish

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Objective

Seeking a fulltime position as a Software Engineer that would allow me to demonstrate my technical and interpersonal skills and contribute to the positive growth of the Organization.

Education

Master of Computer Science

Arizona State University, Tempe, Arizona

May 2008

GPA 3.64/4.0

Bachelor of Engineering, Computer Science and Engineering

The National Institute of Engineering, Mysore, India

June 2004

Equivalent GPA 3.6/4.0

Visveswaraiah Technological University

Recipient of the National Merit Scholarship, Government of India

Skills

Languages: C, C++, Java, C#, HTML, Visual Basic, PL-SQL, PostScript

Web Technology: JSP, ASP.NET, JavaScript, VBScript, XML, XSD, XSLT, CSS, PHP, Web Services

Databases: Oracle, MS Access, MySQL

Operating Systems: UNIX, Linux, Windows XP/Vista, SGI-UNIX

Software Packages: Trolltech QT, Eclipse, ClearCase, Rational Rose Suite, RogueWave, Visual Source Safe, Dreamweaver, MS Project

Professional Experience

CLTE, Arizona State University

Graduate Research Assistant

Tempe, AZ

Feb 07 – Present

- Designing and Developing an interactive Online Tutorial and Testing tool. The users can login and use the interactive tutorials and print their Certificates after successfully completing the test.
- Developing and Maintaining the Website of the 'Center for Learning and Teaching Excellence' using PHP, Dreamweaver and MySQL (<http://clte.asu.edu/>). The users can view and register for various workshops.

Infosys Technologies Limited

Software Engineer

Bangalore, India

Aug 04 – Jul 06

'Graphic Application' (Client - The Boeing Company)

- Core member of a team of twelve, developing a Windows based **Graphic Application using C++/Qt/OpenGL**. The application is used for creating airplane designs and user manuals. It is based on the MVC architecture and uses CGM format for storing data.
- Designed and developed modules of Print using Postscript, Callout Objects etc. Successfully integrated the modules with the SGI UNIX Legacy system.
- Controlled the configuration of the project by frequent audits and was responsible for its quality and the standard of its execution. Successfully cleared the EN/AS9100 audit, a stringent aerospace certification and in compliance with CMMI level 5
- **Award of Excellence** for the project from Infosys
- **Two Awards for Outstanding performance** from Boeing

'PM Tool'

- Developed an internal Project Management tool for Infosys with **JSP** and **Oracle**. The tool helped in maintaining and tracking various stages of the project – Requirements, Design, Development and Testing. Developed a bug tracking system that helped in submitting, prioritizing, comprehensive searching and also updating the bugs.

Gas Turbine Research Establishment, Defense R&D
Project Intern

Bangalore, India
Feb 04 – Jun 04

- Developed 'Integrated Engine Fault Diagnostic Model', a method to quantitatively detect faults in gas turbines using **VB, C++**.
- The VB application read the faulty turbine data and compared it with the repository to arrive at the probable fault areas. The application used Matlab for training the neural networks.
- Developed a Graphical interface to highlight the parts of the turbine that could be faulty and also created detailed result as a text file in a format understandable by other systems.
- Developed modules of various Gauges to display the measured values.

Maruthi-IT.com
Project Intern

Bangalore, India
Feb 03 – Jun 03

- Designed and developed an intranet 'Employee complaint and grievances' portal using **Dreamweaver, ASP** and **MS Access**. The portal is for providing a forum and encouraging the employees to participate and submit their complaints and grievances. The portal assured timely responses. Developed a method for escalations and also mailing services.

Significant Projects

- Designed and developed multi-level query execution on Y-Filter (an XML filter)
- Implemented an 'Online Bookstore' using **Amazon Web Services** and ASP.NET
- Implemented '**Lock server**': Developed using shared memory in C on Linux. The clients request for the lock in both shared or exclusive mode and the server provides the lock appropriately. The server also maintains the fairness and prevents deadlock
- A comprehensive Survey on Privacy and Security of Radio Frequency Identification (RFID)
- Implemented **rlogin**, a method that allows a user to remotely login into another host via a network. Developed using C on Linux
- Graphic Application: A simple paint brush on DOS using C
- A simple Text Editor on Linux using C
- 'Simulation of Systolic array' using Java Applets

Relevant Courses

Operating System Internals, Mobile Ad-hoc Network, Distributed and Multiprocessor OS, Database System Implementation, Distributed Software Development