

Objective

To obtain a technically challenging position as a Software Engineer that would utilize my analytical and problem solving skills and would help build a satisfying and a rewarding career.

Education

Master of Science (M.S.) May/July 2008(Expected)
Iowa State University, Ames, Iowa

Major: **Computer Science**

- Overall GPA: 3.76/4.00
- Graduate coursework: Algorithms, Theory of Computation, Compilers, Formal Methods etc.

Bachelor of Engineering (B.E.) June 2004
Visvesvaraya Technological University, Bangalore, India

Major: **Computer Science**

- First Class with Distinction(GPA system not followed)

Technical Skills

Languages: Java (SCJP Certified), C, C++, AspectJ, Perl, PHP, Shell Script, SQL

Web related skill set: HTML, DHTML, Javascript, Java Servlets and Web Objects

Operating Systems: Windows, Macintosh, UNIX, Linux

Databases: Oracle

IDE: Eclipse, Visual Studio

Versioning Systems: CVS, SVN

Employment

Research Assistant **Iowa State University** Fall 2006 – Present

- Worked on the areas of aspect-oriented languages, program specification languages, Web Services etc.

Technical Intern **Yahoo! Inc., Sunnyvale, CA** Jun 2007 – Aug 2007

Project: DIGITRULT

- Prototype Reporting Application for User-Link Tracking with very low latency
- Involved huge amount of data

Duration: Jun 2007 – Aug 2007

Role:

- Created tools to compute and aggregate metrics from extracted data feeds containing giga bytes of data
- Created tools to load the aggregated data into a database
- Technologies used - C++, Perl, PHP, Oracle

Software Engineer **Infosys Technologies Ltd., India** Aug 2004 – July 2006

Project: JCM (Java Common Modules)

- Internal application to transform data between layers of a datawarehouse built using Java and Oracle on Macintosh platform
- Involved enhancing and maintaining the application for several databases

Client: Apple Inc.

Duration: Oct 2004 – Dec 2005

Role:

- Responsible for developing Java classes, shell scripts and Oracle procedures for the project
- Core member involved in coding, testing and implementing a module called *XMLReceiver* in the project using Java RMI technology to reduce the load on the database
- Technologies used – Java, Oracle and shell scripts

Project: AppleStore

- Online Store for Apple products
- Involved implementing new features and fixing existing issues

Client: Apple Inc.

Duration: Jan 2006 – Jul 2006

Role:

- Involved in setting up Korean Store online and fixing issues
- Developed application called *PrintInvoice* to print invoices online
- Technologies used – WebObjects, Java and Objective-C

Publications

Rakesh Setty, Robert Dyer and Hridesh Rajan, "Modular Compilation Strategies for AspectJ Constructs to Nu Intermediate Language", Poster presentation at the Sixth International Conference on Aspect-Oriented Software Development (AOSD 2007), Mar 15, 2007. Vancouver, Canada.

Activities

- Member, Graduate Advisory Committee (GAC), Computer Science Dept., Iowa State University, 2006-2007
- Senator, Graduate and Professional Students Senate (GPSS) representing Computer Science Department, 2006 - 2007
- Member, Red Cross Society since 2004

References would be provided on request