Swamy G **http://swamyg.com**
San Francisco, California
(408)-849-8132 **swamyg84@gmail.com**

Education

San Jose State University, California

Class of 2010 (Fall); Masters in Software Engineering

College of Engineering, Guindy - Anna University, Chennai, India

2002 to 2006; Bachelor of Technology in Information Technology

Graduated with 'First Class' Honors.

Work Experience

Ruby on Rails Engineering Intern at Zendesk, San Francisco

Jun '10 to Aug '10

At Zendesk, I worked for 3 months as a ruby intern helping them in the areas of widget development, general bug fixing and pairing with developers to develop new features. I was primarily involved in developing the LogMeIn widget for them and also working on areas such as billing and front-end. I had a great learning experience in getting to know more Test Driven Development using tools such as Shoulda, Mocha and RSpec.

Web Developer at SlideShare, Delhi

Mar '08 to May '09

Worked as a web developer at Slideshare. Slideshare is a presentation media sharing running on ruby on rails. I was involed in both application programming and front end engineering. My primary role was to implement new features and fix existing bugs on the site. I designed and implemented Categories, Contests and Channels while working there.

Lead Developer for Yiktik

Dec '07 to Mar '08

I developed Yiktik, a news bookmarking site, from scratch using LAMP architecture. I was in charge of both the application development and the UI design and coding. Also gained first hand experience on optimizing SQL queries.

Software Developer a Iflex Solutions, Chennai

Oct '06 to Dec '07

I worked for more than a year on several projects for Citigroup at Iflex, delivering them

industry standard scalable web applications using J2EE. Used java frameworks such as STRUTS and Spring. Also used database abstraction technologies like Hibernate on a back-end running MS-SQL Server.

Skills

Web Technologies	Ruby on Rails, PHP, J2EE, Javascript, HTML, CSS
Frameworks & Technologies	Prototype, JQuery, Scriptaculous, HAML, Shoulda, RSpec, Mocha, Spring, STRUTS, CakePHP, Hibernate, DWR
Programming Languages	C/C++, Java, VC++, Visual Basic, MAT Lab
Database Technologies	MySQL, Oracle 8i, SQL Server and Microsoft Access
Operating Systems	Mac, Unix/Linux, Windows NT
Technical Tools	Apache Server, Tomcat, Weblogic, Mercury Mail, Subversion Version Control (SVN), Git, Microsoft Visual Source Safe (VSS)

Other Experience

Participated in Yahoo Hack Day '07, Bangalore

Developed a photo rating site called SlickRNot! in less than 24 hours at Yahoo Hack Day, Bangalore, which received good reviews from judges for its impressive interface and use of Web-APIs. The application was written in PHP.

Developer/Designer for Various Microsites

Developed various websites to college departments, cultural events and other occasions using PHP/MySQL and J2EE. I was in charge of both design and development. Used tools like Photoshop, GIMP and Paint.NET to create graphics ranging from simple badges, banners and buttons to simple Flash animations.

Academic Projects

Novella

Swamynathan G, Mayuresh H, Shalin Shroff : *An online book collaboration engine.*

Novella is collaborative novel writing site written completely in Ruby on Rails using HAML for templating and jQuery as the primary javascript framework. Also features several social interactions such as commenting, reviews and ratings. Has been released on Github for further development.

H.E.M.S

Swamynathan G : *Highway Emissions Management System*

HEMS is a set of EJB components which collect and analyse emission details from traffic data. The final results are viewable in Google Maps (or Earth) and indicates the distribution of various pollutants across 3 important highways near the city of San Jose.

Final Year Under Graduate Thesis

Swamynathan G, Ashok Kumar T, Padmanaban R : *An Intelligent Shape Based Image Recognition System Using Shape Matrix*

A program, written entirely in MAT Lab, which could recognize simple polygons such as rectangle, square and shapes such as circle and semi-circle. Using a Shape Matrix the efficieny of the program was increased by as much as 30%.