

EXPERIENCE

Lead Product Engineer

March 2009 – Present

Emriq Systems, NYC (working remotely)

Developing a web based electronic health record platform using Django/jQuery
Designed the database schema, and responsible for general system administration
Took most of the technology decisions and platform choices for the same
Set up processes, tools for version control and project management in the company
Front end sales role, including sales pitches and technical demos to clients
Planned the sales strategy in the Indian healthcare market and its product pricing

Programming Ninja

Dec 2009 – Present

Teaspiller.com, NYC (working remotely)

Involved part time in developing an online market place for tax experts using Django/jQuery, on the Amazon EC2, S3 infrastructure.

Teaching Assistant

August 2007 – May 2009

Indian Institute of Technology, Delhi

Was a Teaching Assistant for various graduate and undergraduate courses, such as Database Systems, Logic and functional programming and Advanced computer graphics.
My research there included, characterizing the access patterns and workload of online video sharing websites such as YouTube, and also identifying invariants across them. This involved large scale data collection and storage, with data sets of over a billion rows.

Project Trainee

December 2006 – May 2007

Honeywell Technology Solutions Lab, Delhi

Worked exclusively on the Microsoft Office Sharepoint Server (MOSS) 2007. Deployed Knowledge Network over the same, and developed custom web parts for Sharepoint. Worked with Windows Workflow Foundation (.Net 3.0) and contributed to designing custom actions for the Sharepoint designer.
Was assigned an additional project in a team of four, for the development, design, testing of a "Digital Forms 2.0" prototype, an in-house workflow application over the Sharepoint platform.

EDUCATION

Computer Science and Engineering, M.Tech

August 2007 – June 2009

Indian Institute of Technology, Delhi GPA 8.06/10

Information Technology, B.Tech

August 2003 – June 2007

Vellore Institute of Technology, Vellore GPA 8.5/10

ACHIEVEMENTS & AWARDS

Suresh Chandra Memorial Award, best software project in computer science, IIT Delhi
Won Yahoo's 'Hack U', web application development event held at IIT, Delhi
All India Rank 6, Graduate Aptitude Test in Engineering(GATE)2007

Technical Skills

C
C++
Python
Matlab
Java
R

CSS
SQL
jQuery
JavaScript
HTML/XHTML
Django
JSON
XML

Linux
MySQL
App Engine
Amazon EC2
Apache
Oracle

Project Skills

Web
Applications
Project
Management
Database
Design
System
Administration

Research

Statistical
Analysis
Social
Networks
Data
Visualization