

Siddharth Mitra

sidmitra.com
sidmitra.del@gmail.com
91-9811197443

Experience

Founder, M/s Cloudshuffle

March 2010 to present

Created a web design and development studio, that specializes in Python stacks. Expanded the studio to a team of 6 devs and growing, with clients in over 6 countries. Manage a dozen live projects in parallel at any given week. Helped various startups go from an idea to a launch while working on everything from the technology, marketing, to biz-dev and strategy. Also work on internal products used at Hubspot, Compete Inc.

Lead Developer, Teaspiller LLC

December 2009 to present

Developed an online market place for tax experts using Django/jQuery. Designed the data model for various parts of the system and scaled the infrastructure using Amazon EC2, S3, and EBS. I also built their geo search backend using Solr. I'm currently their lead engineer responsible for the entire technology stack, improving their expert ranking algorithms, setting up integration/deployment processes, along with application security testing and setting up related processes/policies.

Lead Product Engineer, Emriq Systems

March 2009 to February 2010

Led the development of their web based electronic health record platform using Django/ jQuery. I designed the database schema, and took most of the technology decisions and platform choices for the company. I also set up processes, tools for version control and project management, and responsible for general system administration. I took a up a front end sales role, including sales pitches and technical demos to clients. Also, planned their sales strategy in the Indian healthcare market and product pricing.

Education

Master of Technology in Computer Science, IIT Delhi

Focussed on social network research, which included characterizing the access patterns and workload of five different online video sharing websites.

GPA 8.06/10

Bachelor of Technology in Information Technology at VIT Vellore

GPA 8.5/10

Research

Mitra, S et.al. "Characterizing Web-based Video Sharing Workloads." ACM Transactions on the Web (TWEB), Vol. 5 No.2 (May 2011)

Mitra, S et.al. "Characterizing Web-based Video Sharing Workloads." Proc. International World Wide Web Conference (WWW '09), Madrid, Spain, Apr. 2009

Achievements and Awards

All India Rank 6, Graduate Aptitude Test in Engineering (GATE) 2007

Suresh Chandra Memorial Award, best software project in Comp Sci at IIT Delhi

Programming Languages

Python
C, C++, Java
JavaScript,
Matlab, R

Data Analytics

NLTK
Data Visualization
Sentiment Analysis
Hadoop, Hive
Numpy
Scipy

Web Frameworks

Django,
web2py
jQuery

Cloud Platforms

Amazon Web services
Google App Engine

Useful Tools

MongoDB
Git, Mercurial
Apache, nginx
SQL, MySQL
Selenium

Project Skills

System Admin
Database Design
Web Development
Project Management
Data Analytics
SEO Strategy
A/B Testing

Research Interests

Social Networks
Statistical Analysis