

# Siddharth Mitra

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## 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