

Siddharth Mitra

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Experience

Lead Engineer, Intuit

August 2012 to present

Built the new service by Intuit called CPASelect, to connect people with accountants. Helped scale it on Amazon Web Services for tax season. Setting up tools and processes for dev, sys-admin/ops, security, scaling, monitoring, analytics. Getting other inhouse devs upto speed on technology, and required skill set. Manage our dev workflow, backlog and sprints. Improvements on conversion, iterating on the design and flow of the app.

Press:

<http://techcrunch.com/2013/01/29/intuit-23-new-product/>

<http://www.zdnet.com/intuits-latest-service-hooks-up-small-businesses-with-accountants-7000011141/>

<http://www.pcworld.com/article/2026722/intuit-previews-mint-home-and-business-turbotax-cpa-select.html>

<http://www.bizjournals.com/sanjose/news/2013/02/08/intuit-cto-tayloe-stansbury-on-how-the.html>

Founder, Cloudshuffle

March 2010 to present

Created a web design and development studio, that specializes in the Python stack. 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. Built numerous products for startups, that you can see on my portfolio website.

Developer, Etiska Ltd.

July 2012 to September 2012

Built the initial version of <http://www.ecomarket.com>, which was earlier called <http://ethicalcommunity.com>

Press:

<http://techcrunch.com/2012/02/17/etsy-for-eco-ethical-community-raises-300000-in-seed-funding/>

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.

Press:

<http://mashable.com/2011/08/15/finance-management-apps/>

<http://venturebeat.com/2011/01/25/teaspiller-launch/>

<http://www.forbes.com/sites/edzitrone/2011/03/29/teaspiller-and-taxes/>

http://www.accountingtoday.com/debits_credits/New-Service-Aims-to-Help-Clients-Find-Accountants-57038-1.html

Programming Languages

Python

JavaScript

Clojure

Go

Web Frameworks

Django

jQuery

Backbone

Angular

Flask

Cloud Platforms

App Engine

Amazon AWS

Heroku

Data Stores

Redis

PostgreSQL

MongoDB

MySQL

Useful Tools

Selenium

Git, Mercurial

Numpy, Scipy

Solr, Elasticsearch

Apache, nginx

Docker

Vagrant

Fabric

Chef

Project Skills

System Admin

Database Design

Web Development

Project Management

Product Strategy

Data Analytics

A/B Testing

SEO, SEM

Other Interests

Data Visualization

Recommendation Eng.

Data Analysis

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