

Siddharth Mitra

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Experience

Developer, FunnelFox GmbH

February 2017 to Present

Helping build FunnelFox.com, formerly Thrive for Email. The platform is built on Google Appengine.

Technology Lead, iGrow Pte Ltd.

December 2015 to September 2016

Helping build a iGROW's Health-as-a-Service provides health programs & solutions for the corporate sector. Built and scaled iGrowFit, a fitness subscription platform. Also helping build other parts of the platform such as Eventrify(Event management), Vitalify, and the underlying API backend for all mobile and web apps.

- Responsible for building the essential pieces of the platform.
- Setting up engineering, security, devops processes.
- Incharge of technology decisions and hiring of technical teams.

DevOps Lead, Grapevine Inc.

May 2014 to April 2015

Helped build a platform for advertisers to work with YouTube advocates. The platform was originally built on Google Appengine, and Cloud SQL and later moved to Amazon Web Services. Featured on DowJones, Bizjournals, VentureBeat among others.

Founder, Cloudshuffle

January 2010 to December 2015

Cloudshuffle is an interactive web development agency that loves to create beautiful web applications and specializes in building apps in Python.

- Expanded the dev studio from a single dev(me) to a team of 6 devs and growing with clients in over 6 countries.
- Managed a dozen live projects in parallel at any given week.
- Helped various startups go from an idea to an actual launch, while handling everything from technical, marketing, to biz dev, and strategic decisions.

<http://turbotaxcpaselect.intuit.com> - Intuit's online offering to help you connect with a CPA to get your taxes done.

<http://publish.saxo.com> - publishing platform where anyone can publish e-books, and printed books (print on demand) and online courses.

Programming Languages

Python
JavaScript
Rust

Web Frameworks

Django, FastAPI
React, Vue.js

Task Processing

Celery
RabbitMQ
Kafka

Static Analysis
Other Frameworks
AsyncIO, AnyIO
gevent

Cloud Platforms

Heroku
Amazon AWS
Google Cloud

Data Stores

Redis
ElasticSearch
PostgreSQL

Useful Tools

Git
nix
Solr
Apache, nginx

Docker, Vagrant

Kubernetes

Data Science

scikit-learn
numpy, scipy
pandas, nltk
Spark

Lead Engineer, Intuit

August 2012 – April 2014

Built the new service by Intuit called CPASelect, to connect people with accountants.

See <https://turbotaxcpaselect.intuit.com>

- 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.

Featured on Techcrunch, Bizjournals, ZDNet, PCWorld etc.

MobileApps

React Native

Flutter

ProjectSkills

System Admin

Database Design

Project Management

Web Development

Data Analysis

OtherInterests

Machine Learning

Languages

Lead Developer, Etiska Ltd.

July 2012 – September 2012

Built an eco friendly marketplace called Ecomarket with Django/Python, and using Paypal Adaptive APIs.

Featured on Techcrunch, Treehugger, TheNextWeb etc.

Lead Developer, Teaspiller

December 2009 to August 2012

Developed an online market place for tax experts using Django/jQuery.

- Scaled the infrastructure using Amazon EC2, S3 and EBS.
- Worked on their payment solution via Braintree.
- Designed and implemented their click-to-call, IVR functionality over Twilio.
- Responsible for various system admin tasks.
- Setting up integration/deployment processes
- Application security testing and setting up related processes/policies.

Featured on Mashable, VentureBeat, Forbes among others.

Education

Master of Technology in Computer Science, IIT Delhi

2009, GPA 8.06/10

Bachelor of Technology in Information Technology at VIT Vellore

2007, GPA 8.5/10

Research

Characterizing Web-based Video Sharing Workloads.

ACM Transactions on the Web(TWEB), Vol. 5 No.2(May 2011)

Characterizing Web-based Video Sharing Workloads.

Proc. International World Wide Web Conference (WWW '09), Madrid, Spain, Apr. 2009