

Objective

To land a role working with Python in an analytical capacity, working with data and building statistical models to derive insights for an organization.

Skills

Python, pdb, SQL, Django, Django ORM, Postgres, psql, Ruby on Rails, Java, Go, Nodejs, Amazon Web Services (ec2, s3, redshift, autoscaling groups), VIM, Celery, Ansible, Linux Administration, UNIX tools (cat, less, wc, pipe, wget, curl, find, cron jobs, etc.), MongoDB, JIRA, Kanban

Experience

February 2016 - PRESENT

Capsule Corp, New York, NY - *Software Engineer* - <http://capsulecares.com/>

- Early Engineer working on APIs in Golang, Python/Django and Amazon Web Services.
- Implemented a microservices monitoring strategy which performs active monitoring of a Windows server within a corporate network.
- Understood and enforced federal HIPAA security requirements throughout organization.
- Rewrote legacy payments processing system interfacing with Stripe API increasing successful charge rate by 20% and avoiding wasted work on customers without funds.
- Generated conversion funnel and month over month reports for stakeholders using SQL (window functions) and Metabase.
- Participated in on-call duties where response would be expected within 5 minutes 24x7 for a week at a time.

September 2015 - November 2015

Sous, New York, NY - *FullStack Software Engineer* - <http://sousapp.com/>

- Developed a communications iOS app for restaurants using Node.js and React Native.
- Performed devops work using ssh and pm2 to manage servers on AWS.
- Acquired by Bluecart Inc.

September 2014 - September 2015

r3dm.io, San Francisco, CA - *FullStack Software Engineer*

- Worked on early versions of <http://freecodecamp.com> using Node.js and MongoDB.
- Built out several MVPs in Ruby On Rails.

Education

2015

MongoDB University New York, NY - *M101JS: MongoDB for Node.js Developers*

Completed work modeling problems using a document database. Concepts like determining nesting based off read access patterns and data sharding with a distributed datastore. [Certificate](#).

2008 - 2012

Worcester Polytechnic Institute, Worcester, MA - *Bachelor's in Computer Science*

Completed coursework in Computer Networks, Databases, Web Applications, Calculus, Algorithms, Linear Algebra, Statistics, Artificial Intelligence, Machine Learning, Data Mining, Software Development, Object Oriented Design, Functional Programming and Operating Systems.

Open Source Projects

- [React Native Contacts](#) - the most popular module for loading phone contacts in React Native. Written in Javascript, Objective-C and Java.
- [karp-rabin-search NPM module](#) - a Javascript module implementing fingerprint search algorithm.

Links

- [Personal Blog](#)
- [Github](#)
- [Stackoverflow](#)