

[Tech Blog](#), [Github](#) 1,600+ stars, [Stackoverflow](#) 10,000+ reputation

Skills

Python, pdb, SQL, Django, Django ORM, Postgres, psql, Flask, Ruby on Rails, Java, Go, Nodejs, Amazon Web Services (ec2, s3, lambda, cloudfront, redshift, autoscaling groups, ecr), VIM, Celery, Ansible, RabbitMQ, Redis, Elasticsearch, LogStash, Kibana, ELK Stack, docker, Linux, UNIX (cat, less, wc, pipe, wget, curl, find, cron jobs, etc.), MongoDB, JIRA

Experience

October 2022 - March 2023

Hayden5 - *Tech Lead* - <https://hayden5.com/>

- Developed a project management tool for the video industry using Python, javascript and sql.
- Upgraded Django 1.9 app to django 4.1. Upgraded app from python 2.7 to python 3.9. Rewrote docker-compose configuration to preserve database info and connect to celery workers correctly.
- Interfaced with SignNow third party API to store financial information. Securely stored signed documents like W2s, contracts and tax forms for contractors.

January 2020 - October 2022

Rayogram - *Fullstack Engineer* - <http://alkeoncapital.com/>

- Developed a calendar for Hedgefund that adhered to all SEC requirements and integrated with their bloomberg terminal. Software is responsible for over \$60B in assets under management. Using Django, Flask, Celery
- Created custom processes using magic links, so that stakeholders could more efficiently manage their employees and treasury investments via email.
- Built python service to perform image processing on monthly pdf reports to investors. Used PIL, pdf2image, img2pdf, poppler, pdftoppm, RFC822 (email)

February 2018 - September 2019

Huge Inc - *Backend Engineer* - <https://hugeinc.com/>

- Setup and owned all backend infrastructure for an immersive pop-up shop in Kobe, Japan.
- Implemented Backend application in Node.js on Amazon Web Services using Express.js and communicated with browsers over Websocket.
- Setup and owned continuous integration, continuous deployment pipeline using Jenkins, docker containers and Amazon Container Registry Service.

February 2016 - February 2018

Capsule Corp - *Founding Engineer* - <http://capsulecares.com/>

- 5th Engineer working on APIs in Golang, Python/Django, Ansible, Django REST Framework, TDD, HIPAA and Aws.
- Rewrote legacy payments processing system interfacing with Stripe API increasing 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.

August 2014 - July 2015

Freecodecamp - *Software Engineer* - <https://freecodecamp.org>

- Wrote api using earliest versions of Node.js
- Managed infrastructure on DigitalOcean using pm2. Webapp served over 10,000 concurrent connections at peak.

Education

2008 - 2012

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

Completed coursework in Computer Networks, Database Engine Design, Web Applications, Software Development, Object Oriented Design, Functional Programming, Distributed Systems and Operating Systems.

Open Source Projects

- [Django-flaggit](#) - forked a django app to fix a bug and support modern versions of django
- [React Native Contacts](#) - the most popular module for loading phone contacts in React. Written in Javascript, Objective-C and Java.