

EXPERIENCE POINTS

TOOLS I ENJOY

Director of Engineering ▶ Vidrov

February 2024 — Current

- Automating video analysis to support better decision making.
- ▶ Improved the operational maturity of the engineering team to support compliance and business goals.
  - ▶ Created a strong hiring structure and pipeline to bring the best talent on board

Engineering ▶ HumanFirst

October 2020 — February 2024

- Building software to enable safe, effective, and equitable healthcare operations at home.
- ▶ Kept the engineering team's technical strategy aligned with business goals to deliver products driven by both data and user feedback - from the first lines of code of our public API to delivering lines of features that closed sales.
  - ▶ Led the engineering team to SOC2 and HIPAA readiness via creation of disaster recovery plans using infrastructure as code, incident preparedness playbooks, and features to support the principles of least privilege.
  - ▶ Developed best practices for both the Typescript backend and React frontend as well as automations to keep the team aligned to those practices.

Senior Engineering Manager ▶ Venmo

October 2018 — December 2019

- ▶ Develop cross-functional initiatives migrating Venmo to a distributed architecture.
- ▶ Brought reliability from 90% to 99.999% - from 73 hours to less than 30 seconds of downtime per month.
- ▶ Coordinate D&I recruiting initiatives to improve representation of underrepresented groups in hiring.

Co-Founder ▶ Forkbombus Labs

November 2015 — September 2018

- Understanding the human element behind threats to manage the risks they pose.
- ▶ Built the Hivemind deception and threat intelligence platform using Node, Kafka, Tensorflow, Postgres, and Elasticsearch to support real-time personalization encouraging intruders to engage so they could be fingerprinted and tracked.

Senior Engineering Manager ▶ Wayfair

February 2014 — February 2017

Software Engineer ▶ Limestone Networks

April 2012 — February 2014

Software Architect ▶ Accrisoft

February 2011 — April 2012

Java

Spring, Hibernate, Dropwizard,  
Storm, Spark

PHP

Laravel, Symfony

SQL

MySQL, T-SQL, PostgreSQL,  
CockroachDB

Cobol

COBOL-85

Pascal

Delphi

Python

Django, AsyncIO, Twisted,  
Pandas, Flask, Keras, Tornado,  
Celery, Heron

Infrastructure

Linux, Terraform, Pulumi,  
Kubernetes, Docker, Helm,  
Puppet, Chef, AWS,  
Cloudformation

Javascript

Typescript, ES.Next, nodeJS,  
Webpack, Koa, Express,  
Tensorflow.js, React, Expo,  
React Native

NoSQL

HBase, MongoDB, DynamoDB,  
Redis, DynamoDB, Cassandra

CSS

CSS3, SASS, LESS

Perl

Mojolicious, CGI

C++

Boost

C

C11, C99, CMake

Experience points truncated for optimal viewing. Detailed points prior to November 2015 available upon request.