

EXPERIENCE POINTS —

TOOLS I ENJOY —

Engineering Manager ▶ CesiumAstro
September 2025 — Current

Providing software-defined communication systems and mission-ready satellites.

- ▶ Supported the acquisition of Vidrovr and integration of the Vidrovr platform with CesiumAstro's missions.
- ▶ Manager for flight software and ground software on the Element Satellite mission.

Java

Spring, Hibernate, Dropwizard,
Storm, Spark

PHP

Laravel, Symfony

SQL

MySQL, MariaDB, T-SQL,
PostgreSQL, CockroachDB

Cobol

COBOL-85

Pascal

Delphi

Python

FastAPI, SQLAlchemy, Django,
Twisted, Pandas, Keras,
Tornado, Celery

Infrastructure

Linux, Kubernetes, Docker,
Helm, Puppet, Terraform,

Pulumi, AWS

Javascript

TypeScript, NextJS, Node,
Webpack, Express,

Tensorflow.js, React,
React Native, Expo

NoSQL

HBase, MongoDB, DynamoDB,
Redis, ValKey, DynamoDB,
Cassandra

CSS

CSS3, SASS, LESS

Perl

Mojolicious, CGI

C++

Boost

C

C11, C99, CMake, ncurses, Unity

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 DEI recruiting initiatives to improve representation of underrepresented groups in hiring.

Co-Founder ▶ Forkbombus Labs
November 2015 — September 2018

Senior Engineering Manager ▶ Wayfair
February 2014 — February 2017

Software Engineer ▶ Limestone Networks
April 2012 — February 2014

Software Architect ▶ Accrisoft
February 2011 — April 2012