

## Overview

Full stack, staff engineer with 7+ yrs of experience leading projects + improving efficiency.

**Technologies:** Typescript. React/Redux. Ruby. Node.js. Python. MongoDB. Postgres. Go.

## Work Experience

**Figma**, San Francisco, CA

Oct 2022 – present

*Staff Software Engineer*

- Led actions menu project to safely launch new AI features and UI3 at Config 2024
- Reduced P99.9 latency for all of the Ruby backend from 1.5 seconds to 1.1 seconds
- Launched figma-for-jira integration by setting up the deploy pipeline, DB, and infra
- Improved core plugin and widget functionality in Typescript and React/Redux
- Enhanced internal tool so eng can easily test frontend changes in the desktop app
- Built system for plugin/widget analytics using Snowflake, S3, Ruby, and Python

**Digit**, San Francisco, CA

Sep 2019 – Oct 2022

*Staff Software Engineer*

- Led initiative to replace our in-house experiment system with LaunchDarkly
- Safely migrated data and funds for 300k users off of a deprecated banking platform
- Improved onboarding success rate from 80% to 99% using Go and Node.js
- Increased mobile E2E test success rate from 30% to over 90% using React Native
- Led biometrics project to reduce session length from 14 days to 15 minutes
- Integrated IDology to reduce identity verification errors from 10% to under 1%

**Yelp**, San Francisco, CA

Sep 2017 – Aug 2019

*Software Engineer*

- Led engineering initiative to safely upgrade Django ORM to 1.11
- Rolled out new deploy processes for more automated and more frequent deploys
- Championed better system on-call processes to reduce alert fatigue for the team

## Personal Projects

**MusicParsed — Like UltimateGuitar, but better**

Mar 2017 – present

Built with Node.js, MongoDB, and Heroku. A simple, space-efficient site for playing music.

- Connected MongoDB so users can create, edit, and delete songs through the UI
- Developed parsing algorithm to display songs more accurately using TypeScript
- Designed features to display ukulele/guitar chords and search/transpose songs
- Built novel song rendering logic using JSON, jQuery, and Mustache templates

## Education

**Massachusetts Institute of Technology**, Cambridge, MA

Aug 2014 – May 2017

B.S. in Electrical Engineering & Computer Science

GPA: 4.8/5.0