

## RELEVANT EXPERIENCE

### Self Employed – Contractor

Jul 2023 - Present

- Automating back of house workflows for local businesses
- Developed AI chat feature for iOS app
- Managing 4 engineers across 4 projects

TECHNOLOGIES: Javascript, Python, React Native, ElevenLabs, OpenAI Whisper API

### Amazon – SDE II

Nov 2021 - Jul 2023

- Led design, build, and launch of front end apps for manager and candidate experiences to standardize internal transfer process, globally
- Assisted and mentored SDEs overseeing backend APIs and DB
- Set up E2E testing and metrics dashboard

TECHNOLOGIES: React, Typescript, Jest, Cypress, Kotlin, AWS: API Gateway, Route53, Lambda, DynamoDB, CDK, Cloudwatch

### Amazon – SDE I

Sep 2019 - Nov 2021

- Within first two months of hire, rewrote and patched an internal permissions application
- Proposed new roadmap for permissions application, which was accepted and assigned to another team
- Managed that team in Hyderabad to facilitate upgrade and handoff of the application
- Built/managed APIs
- The APIs vended data, including PII and highly confidential data, for over 2MM employees, to hundreds of internal applications globally

TECHNOLOGIES: React, Typescript, Ruby on Rails, Java, Dagger, AWS: Lambda, SQS, SNS, DynamoDB, ElasticSearch

### Zippity — Software Developer

Dec 2018 - Sep 2019

- One of two developers managing all company applications
- Launched 4 apps: Internal admin dashboard, Technician app, Customer app, and Kiosk app

TECHNOLOGIES: React, Redux, Python, Flask, SQLAlchemy, Heroku: Postgres, AWS: EBS, EC2

### Embryo Options — Development Contractor

Oct 2018 - Nov 2018

- Set up new PCI compliant payment processor and built new payment workflow

### The Academy Group — Systems Contractor

Mar 2018 - Jun 2018

- Built web portal for staff, teachers, students, and parents using Flask framework
- Setup Postgres DB and built Flask REST API, managed in AWS
- Oversaw contractors writing mobile apps

### Dissectables — Founder & Principal Investigator

Aug 2014 - Dec 2017

- Led research in application of FFF printing in medical education
- Designed, built and maintained FFF printers
- Managed team of designers, engineers, and scientists

### Oberlin College 3D Printlab — 3D Printing Associate

Sep 2013 - May 2014

- Led creation of printlab, serving student body and local community
- Taught CAD and prototyping classes

## EDUCATION

BA, Oberlin College 2008-2012:  
Major: Latin Language & Literature  
Minor: Chemistry

## RELEVANT COURSEWORK

Oberlin College:  
Principles of Comp Sci I(Java)  
Principles of Comp Sci II(Java)

Udacity:  
Developing Android Apps: Android Fundamentals

## LANGUAGES

Intermediate Russian, Italian, French