



Tel Aviv, IL

# Yonatan Laurence

SENIOR SOFTWARE ENGINEER

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## TECHNICAL SKILLS

Numbers of years using:

Python 3 years

React 6 years

Ruby 6 years

Javascript 8 years

SQL 8 years

## SUMMARY

An intellectually curious and versatile engineer with eight years of experience building scalable fullstack web applications in Python, Ruby, Javascript, and SQL.

## EDUCATION

**BOSTON UNIVERSITY, USA, 2010-2014**

B.S. Mechanical Engineering

Cum Laude, 3.65 GPA

**NSLI-Y AFS, China, 2009-2010**

Chinese Language Immersion

HSK Level 4

## EXPERIENCE

• ASL Education Center · Framingham, MA, USA

JUL 2023 - FEB 2025

### SOFTWARE ENGINEER CONSULTANT

- ASL Survey: co-created an online survey tool designed around American Sign Language, including custom video navigation elements in **React**, **Next.js**, and **Python Django**
- ASLA (ASL Assessment): developed portal for assessment proctors and school administrators to manage student data and our online ASL assessment in **React**, **Ruby on Rails**, and **Auth0**

• Perry Street Software · New York, NY, USA (remote)

SEP 2022 - MAR 2023

### SENIOR SERVER ENGINEER

- consolidated varying caching strategies using the Singleton pattern and reduced code complexity by removing a dozen unnecessary caching implementations in **Ruby**
- updated **ETL** pipeline to support portrait images in profile photos including backwards compatibility for both iOS and Android clients
- added unit testing to **REST API** as well as documentation using **Swagger** to support client team

• Rentgrata · Chicago, IL, USA (remote)

DEC 2020 - JUL 2022

### LEAD SOFTWARE ENGINEER

- started as a full-stack Senior Software Engineer in **React**, **Rails**, **PostgreSQL**, Heroku stack
- worked up to lead engineer and managed six other front-end and back-end developers with co-lead
- regularly conducted code review, authored user stories with product team, and led design review
- managed QA lead and oversaw testing, automation, deployment, and release

• Tweddle Group · Detroit, MI, USA (remote)

OCT 2017 - SEP 2020

### SENIOR SOFTWARE ENGINEER

- supported Tracer application. Tracer is a real-time on-line vehicle manufacturing tool that maps error codes of electric failures to source components during production; written in **React** and **Python**
- wrote custom orchestration and deployment tool to manage custom data packaging as well as OEM-specific release requirements in **Bash** and **Python**
- deployed all **AWS** as well as local envs using **Docker**, **Terraform**, and **Ansible**
- built IBM integration using message queues (**RabbitMQ**) and **Scala**