



# Yonatan Laurence

SENIOR SOFTWARE ENGINEER

Tel Aviv, IL

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## TECHNICAL SKILLS

Numbers of years using:

Python		4 years
React		8 years
Ruby		8 years
Node		4 years
Javascript		9 years
TypeScript		3 years
SQL		10 years

## SUMMARY

An intellectually curious and versatile engineer with eleven years of experience building scalable fullstack web applications in Python, Ruby, Typescript, React, Node, and Scala.

## EDUCATION

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

B.S. Mechanical Engineering

Cum Laude, 3.65 GPA, 91.2 %

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

Chinese Language Immersion  
HSK Level 4

## EXPERIENCE

- Unframe.ai · Tel Aviv, Israel

OCT 2025 - DEC 2025

### SOFTWARE ENGINEER

- User portal including custom activation flow supporting arbitrary SQL in **Vue**, **TypeScript**, and **Node**
- Implemented **SAML2** integration support feature in **Vue**, **TypeScript**, and **Node**

- ASL Education Center · Framingham, MA, USA (remote)

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**, **TypeScript**, 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**
- all projects involved **AWS ECS**, **Terraform**, and **Docker**

- 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** and **TDD**
- updated **ETL** pipeline to support portrait images in profile photos including backwards compatibility for both **iOS** and **Android** clients using **TDD**, and **Amazon Rekognition AI** tool
- added custom **unit testing** macros for **REST APIs** including documentation and **Swagger** support
- resolved **geolocation** errors for country-specific **messaging platform** affecting over 20 countries

- Rentgrata · Chicago, IL, USA (remote)

DEC 2020 - JUL 2022

### LEAD SOFTWARE ENGINEER

- started as a full-stack Senior Software Engineer in projects involving **React**, **Ruby on Rails**, and **PostgreSQL**
- 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
- implemented integration platform for property management systems in **React**, **TypeScript**, and **Next.js**

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

OCT 2018 - 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 **pub-sub message queues (RabbitMQ)** and **Scala**

- The Learning Center for the Deaf · Framingham, MA, USA (remote)

JUL 2016 - OCT 2018

### TECHNICAL MANAGER / FULL-STACK DEVELOPER

- **led rotating teams** of 1-5 student full-stack developers for research enterprise focused on American Sign Language (ASL) STEM education and language assessment
- developed visual search engine in **AngularJS** and a **Ruby on Rails REST API** modeled around ASL specifically designed for younger students who cannot use English and text input
- **reduced report delivery time** of state run assessments **from weeks to minutes** by converting legacy FMP data store to **PostgreSQL / Ruby on Rails**

- Paytronix Systems, Inc. · Newton, MA, USA

SEP 2014 - JUN 2016

### SOFTWARE ENGINEER

- full-stack **Java** and **Scala** developer for real-time transaction engine, processing millions of restaurant loyalty transactions a month
- formerly “big data” engineer, developing Business Intelligence tools, data cubes, and ETLs for **HDFS**
- built point-of-sale **ETL** in **Scala**, combining restaurant loyalty transactions with check-level data in **Hadoop**
- rewired self-service WYSIWYG email tool written in **Javascript** and **Lift** to prevent CSS clashes, a tool which is used by hundreds of marketers a day