Yonatan Laurence
SENIOR SOFTWARE ENGINEER

Tel Aviv, IL

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TECHNICAL SKILLS

Numbers of years using:

Skill	Years
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 **Tailwind**
- 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