Ryan Serazin

195 Spencer St.
Brooklyn, NY, 11205
(810) 304-6041
ryan@seraz.in

EXPERIENCE

BookBub, Cambridge, MA— *Full-Stack Engineer*
June 2016 - June 2021

- Researched, planned and led project to implement Alexa Skill for our audiobook retailer team. Coordinated with product and engineering stakeholders to develop a fully tested, CI/CD integrated, working MVP with a team of one. Product successfully launched to hundreds of day-one users on the Alexa Store.
- Designed and implemented audiobook purchase refunding system for support team. Reduced the time it took to perform refunds from 15-20 minutes to less than one minute while allowing better data tracking for analytics.
- Enabled the launch of CPC ads on our CPM-based auction platform and the onboarding of thousands of waitlisted partners by writing code to compare CPM and CPC bids at auction time by sampling impressions and weighing the ad's performance against the current market.
- Re-wrote our core ad auctioning service with a senior new hire in Clojure to enable auction time adjustments to targeting without interruption, allowing the team to begin testing different loss-preventing CPC bid optimizations.
- Helped train a new team on legacy ads platform after the old team turned over. Allowed for large system rewrites and refactoring to be done without user facing impact.
- Developed and maintained a distributed rate limited per API data-fetching service written in Clojure that returned book data in a common format.

ShowcaseIDX, Atlanta, GA— *Software Engineer Co-op*
June 2015 - February 2016

- Responsible for Multiple Listing Service data pipeline that imported and cleaned data from over 60 MLS feeds and made over 5 million listings available to search using Elasticsearch.
- Designed and implemented internal web tools in Clojure /Clojurescript that let members of our team quickly see the health of our data pipeline and MLS sources as well as add custom MLS specific data cleaning rules.
- Implemented a context-free grammar using Clojure's instaparse library to convert Dieselpoint queries into Elasticsearch queries, at query time, in order to support a legacy MLS search product.

EDUCATION

Rochester Institute of Technology, *Rochester, NY*
September 2011 – May 2016

B.S. in Computer Science, Minor in Philosophy

SKILLS

Languages: Ruby, Clojure/Clojurescript, Javascript, Python

Tools: Vim, Git, Elasticsearch, Solr, Redis, Postgresql, Athena, Redshift/Spectrum, Dynamodb, EC2, AWS Lambda, Code Pipeline, Terraform, Ansible, Amazon Alexa, CircleCI, DataDog, Apache Airflow.

Frameworks: Ruby on Rails, Padrino/Sinatra, GraphQL, React, Redux, Alt