Jay Shenk

Software Engineer

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EXPERIENCE

Software Engineer - *Prefixy - prefixy.io*

OCT 2017 - PRESENT

- Designed and developed a highly scalable, query optimized, hosted prefix search service for building autocomplete suggestions
- Utilized asynchronous, batched Redis calls in order to provide non-blocking writes and extremely fast in-memory reads
- Implemented multi-tenancy by utilizing JSON web tokens, Redis namespacing, and MongoDB collections
- Designed and developed a system that includes two Node/Express servers, Redis, MongoDB, a CLI, and a JavaScript client

Software Engineering Student - *Launch School - remote*

JAN 2016 - SEP 2017

- Completed invite-only, immersive Capstone program
- Led weekly online meet-up for fellow students
- Built applications using languages and frameworks such as JavaScript, Ruby, Rails, React, Sinatra, Node/Express, and Backbone

E-Commerce - *Kincaid's Music - Springfield, Ohio*

AUG 2012 - JUN 2016

- Used software to run the day-to-day operations of Kincaid's e-commerce channels, including website, Amazon, and eBay stores
- Did web development for store website and eBay store templates
- Led transition to new e-commerce and shipping software, setting up configurations in order to automate pricing, calculate shipping cost, and import product data

Various Music Education/Performance Experience

2007-2012

- Including public school teaching, giving private lessons, and performing with orchestras

SKILLS

JavaScript, **Ruby**, Node/Express, Rails, React, Backbone, Sinatra, Redis, HTML/CSS, SQL

EDUCATION

Bowling Green State University - *Master of Music*

2007 - 2009. GPA: 3.88. Graduate Assistant.

Lawrence University - *Bachelor of Music, magna cum laude*

2003 - 2007. GPA: 3.83.