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# Jay Shenk

Software Engineer

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jayshenk.com  
Troy, OH

## EXPERIENCE

### **Trial JavaScript Engineer** - *Automattic* - remote

MAR 2018 - MAY 2018

- Developed a new feature for the WordPress Gutenberg editor to enable users to insert images in rich text
- Worked on large React/Redux application using ES6+ JavaScript
- Wrote tests using Jest and Google Puppeteer

### **Software Engineer** - *Prefixy (prefixy.io)* - remote

OCT 2017 - JAN 2018

- Designed and developed a highly scalable, query optimized, hosted service for dynamic autocomplete
- Utilized asynchronous, batched Redis calls to provide non-blocking writes and fast in-memory reads
- Developed algorithm that returns autocomplete suggestions in O(1) time
- 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

### **Developer** - *Personal and Open Source Projects*

APR 2015 - JAN 2018

- Developed applications using languages and frameworks such as JavaScript, React, Node, Express, Ruby, Rails, Backbone, Sinatra, HTML/CSS, and SQL

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

AUG 2012 - JUN 2016

- Did web development for store website and eBay store templates
- Used software to run the day-to-day operations of Kincaid's e-commerce channels, including website, Amazon, and eBay stores
- 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, React, Node, Express, Ruby, Rails, Backbone, Sinatra, Redis, HTML/CSS, SQL, Jest, Jasmine

## 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.