

# Tyler Jones

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## TECHNICAL SKILLS

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**Front End** | JavaScript, React, Next.js, HTML5, CSS3, Material-UI, Redux, Web Audio API, Tone.js, jQuery  
**Back End** | Node.js, Express, MongoDB, Mongoose, PostgreSQL, MySQL, Knex, Sequelize, RESTful API  
**Testing/Deployment** | Jest, Mocha, Chai, Enzyme, CircleCI, AWS: EC2, S3, PM2, NGINX  
**Developer Tools** | VSCode, Vim, Git, npm, Webpack, Babel

## SOFTWARE APPLICATIONS

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**Full Stack Developer | Fulcrum** | *Interactive musical web app designed to play various sampled sounds*

- Timed musical events accurately, triggered audio files, and built playable instruments using **Tone.js** components
- Synchronized sounds to real-time visual volume meters, incorporating animation frames along with **Web Audio API** analyzer node
- Deployed application on **AWS: EC2** instance, redirecting web traffic with **NGINX** and facilitated system admin tasks with **PM2**

**Front End Developer | Catwalk** | *Single page web app displaying products for an online apparel store*

- Managed state between **React** components using **Redux**, keeping code structure organized and simplifying potential maintenance with **Redux DevTools**
- Rerouted API calls through a back end built using **Express**, providing more flexibility and preventing sensitive information such as API keys from being bundled with **Webpack** modules
- Developed unit tests with **Jest** and **Enzyme**, continuous end-to-end tests with **CircleCI**, in order to comply with a test driven development framework

**Full Stack Developer | Neighbor** | *Social media platform connecting users through local communities*

- Utilized **Material-UI** components to assist in the creation of an accessible user interface that accommodates visual impairments such as color blindness.
- Enabled site navigation using **React-Router**, allowing the UI to remain in sync with the URL and establishing a more seamless user experience
- Implemented geolocation using **Google Maps API**, enabling users to share their dynamic location data

## EXPERIENCE

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### Audio Engineer

- Performed post-production mixing for recorded songs, sound effects, foley, dialogue; including other various forms of audio to deliver polished products
- Regularly conducted set up and troubleshooting of recording software and equipment
- Utilized digital and analog outboard equipment, such as compressors, equalizers, mic preamps, and numerous other pieces of standard hardware to facilitate the recording process

### Merchandiser

Keurig Dr. Pepper | *September - January 2021*

- Developed visual strategies that balanced customer expectation and company goals to increase product interest
- Analyzed trends in sales and planned product displays in accordance with results

### Grocery Clerk

Stater Bros. | *August 2016 - March 2020*

- Consistently provided quality service by engaging with customers and ensuring them a positive experience
- Documented product sales, enabling inventory to be managed and organized by popularity to meet demand

## EDUCATION

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**Hack Reactor** Los Angeles, CA | Advanced Software Engineering Immersive Program

2021

**Mt. San Jacinto College** Menifee, CA | Certificate in Audio Technology

2018