

# Front-End Software Engineer

# CONTACT

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#### **EDUCATION**

# BACHELOR OF ARTS: MUSIC THEORY/COMPOSITION

2005

Southern Illinois University
Carbondale

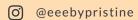
# ALCHEMY CODE LAB: FULLSTACK JAVASCRIPT ENGINEER

2020

Portland, OR

### SOCIAL







# **EXPERIENCE**

#### **AUDIO ENGINEER**

- Produce a recording or live performance using new and old technologies to create a balanced and pleasant experience for the artist and concert go-ers
- Create customized sounds to suit individual clients needs
- Works alone and on teams to design and develop the best possible sound reproduction experience
- Learn and immediately apply new technologies and techniques
- Cultivate an open and creative environment for artists and clients

#### **TOUR MANAGER**

- Liaison between artist, venues, and management
- Interface with local engineers and promoters
- Maintain and organize artist equipment and merchandise
- · Account, distribute, and deposit artist finances
- Organize transportation

#### **STAGE MANAGER**

- Provide practical and organizational support to the production team
- Facilitate a smooth production
- Extensive communication between front and back end teams

#### **OWNER**

- Control operational and monetary aspects
- Trained and scheduled staff
- · Designed, aquired and maintained inventory

# **ABOUT**

Creative problem solver, communicative collaborator with a passion for front-end development. Consultative manager with experience in high-pressure situations. Able to work independently and think critically to develop human-centered solutions. I am an efficient, fun, and patient engineer with excellent communication skills that is able to teach and explain complex concepts in a way that relates to and reinforces confidence in the individual.

TECH STACK	FRONT END	BACK END
LANGUAGES	React	Node
JavaScript	NextJS	Express
HTML .	Three.JS	GraphQL
CSS	D3	PostgreSQL
	Netlify	Heroku

# **FEATURED PROJECTS**

#### **AURORA SYNTH**

aurora-synth.netlify.app || github.com/jumpybuns/aurora

HTML | JavaScript | Web Audio API | Chart.JS | CSS

- Elegant interactive browser synth built with vanilla JavaScript & Web Audio API.
- Implements a series of audio nodes to create 4 different wave shapes and filters
- ChartJS to create the dynamic graph

#### **KARAOKE ROULETTE**

karaoke-roulette.netlify.app\_|| github.com/Karaoke-Roulette

HTML | React | JavaScript | Node | Express | Heroku | SuperAgent | CSS

- YouTube API, allowing users to select randomized karaoke songs to sing with friends.
- Allows participants to log in and save their favorite songs
- ChartJS to create the dynamic graph

#### **CHATABLE**

adoring-wright-0eba98.netlify.app || github.com/Chatable-2021

HTML | React | JavaScript | Socket.IO | Yup | BCrypt | Node | Express | Material-UI | CSS

- Instantaneous live chat app and chat rooms created by user
- Log in and sign up with full authentication
- Modern and minimal user interface