

ETHAN PIERCE

Front-End
Software Engineer

CONTACT

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🏠 Portland, OR

EDUCATION

BACHELOR OF ARTS: MUSIC THEORY/COMPOSITION

2005

Southern Illinois University
Carbondale

ALCHEMY CODE LAB: FULLSTACK JAVASCRIPT ENGINEER

2020

Portland, OR

SOCIAL

🐙 github.com/jumpybuns

📷 @eeebypristine

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ethanpiercepresents/

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

LANGUAGES

JavaScript

HTML

CSS

FRONT END

React

NextJS

Three.JS

D3

Netlify

BACK END

Node

Express

GraphQL

PostgreSQL

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-Oeba98.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