

# ETHAN PIERCE

Software Engineer

## CONTACT

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ETHANPIERCE.NETLIFY.APP

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PORTLAND, OR

## EDUCATION

### BACHELOR OF ARTS: MUSIC THEORY/COMPOSITION

2005

Southern Illinois University  
Carbondale

### ALCHEMY CODE LAB: FULLSTACK JAVASCRIPT CERTIFICATION

2020

800+ hours of intensive  
software development training  
with a focus on developing  
collaborative problem-solvers  
with strong fundamentals in  
TDD and agile methodologies

## SOCIAL

 [github.com/jumpybuns](https://github.com/jumpybuns)

 [linkedin.com/in/  
ethanpiercepresents/](https://www.linkedin.com/in/ethanpiercepresents/)

## ABOUT

Creative problem solver interested in developing human-centered solutions with a passion for front-end development. Efficient, fun, and patient engineer with excellent communication skills, an eye for detail, and a love for new technologies.

## TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS  
Front End: React, Next.js, Three.js, Greensock, Tailwind  
Backend: Node, Express, GraphQL, PostgreSQL  
Deployment: Heroku, Vercel, Netlify

## EXPERIENCE

### OBLIO INC

September 2021 - November 2021

- Greensock animations for Warner Bros FYC Site
- Create unique fragment and vertex shaders
- WebGL/ThreeJS Camera functionality for upcoming Oblio site
- Create custom WebGL pipeline for seamless integration with Blender
- Implement WebGL Raycaster and Raycaster functionalities
- Create 3D Models in Blender

### FREELANCE ENGINEER

September 2020 - Present

- Create robust Full Stack customized applications to suit individual clients needs
- Works alone and on teams to design and develop the smoothest and most intuitive user experience
- Git software for powerful metadata storage
- React and JavaScript based frameworks including NEXT and Gatsby
- Miro, Figma, and plain old pen and paper for pre-production, design and brainstorming
- Deployment through Vercel/Netlify
- Greensock, D3, THREEJS for animations
- Jira and Git Issues for organization and project tickets

## FEATURED PROJECTS

### COLORFUL - DRAWING APP

[colorfull.vercel.app](https://colorfull.vercel.app) || GitHub

NEXT | TypeScript | React | Tailwind | Greensock | SWR | Prisma | Zustand | Heroku | Vercel

- Digital Drawing app created with a small team for 1 week sprint
- Jamstack architecture using Prisma, SWR fetcher, and Heroku database
- Landing page structured with Tailwind and brought to life with Greensock
- Created Mobile first for a smooth and clean user experience

### CHATABLE - LIVE CHAT APP

[adoring-wright-0eba98.netlify.app](https://adoring-wright-0eba98.netlify.app) || GitHub

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

### AURORA SYNTH - WEB BROWSER INSTRUMENT

[aurora-synth.netlify.app](https://aurora-synth.netlify.app) || GitHub

HTML | JavaScript | Web Audio API | ChartJS | CSS

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