

ETHAN PIERCE

Software Engineer

CONTACT

✉ EthanPiercePresents
@Gmail.com

☎ (541) 999 9714

🌐 ethanpierce.netlify.app

🏠 Portland, OR

EDUCATION

BACHELOR OF ARTS: MUSIC THEORY/COMPOSITION

2005

Southern Illinois University
Carbondale

ALCHEMY CODE LAB: FULLSTACK JAVASCRIPT ENGINEER

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

📷 @eeebypristine

🌐 linkedin.com/in/
ethanpiercepresents/

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

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 develop, teach and explain complex concepts. I have a strong artistic background, an eye for detail, and a love for new technologies.

TECH STACK

LANGUAGES

TypeScript

HTML

CSS

FRONT END

React

Next.js

Three.js

Greensock

Tailwind

BACK END

Node

Express

GraphQL

PostgreSQL

Heroku

DEPLOYMENT

Vercel

Netlify

FEATURED PROJECTS

COLORFULL - DRAWING APP

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 storage database
- Landing page structured with Tailwind and brought to life with Greensock
- Created Mobile first for a smooth and simple user experience at any resolution

CHATABLE - LIVE CHAT

adoring-wright-Oeba98.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 - BROWSER INSTRUMENT

aurora-synth.netlify.app || GitHub

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