Zander Ambrose

Software Developer

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Skills

HTML	CSS	Javascript/TypeScript	React	PHP	C++
Ionic	NodeJs	Express	Webpack	NextJs	
Docker	OOP	REST	GraphQl	Python/Django	CI/CD

Professional Projects

Fractal-Mosaic - Self hosting solution at a click of a button using abstractions over docker-compose and Wire-guard Networks
https://console.fractalnetworks.co/   *June. 2022 - Present*
- Next Js/Typescript, Next Auth social authentication package, Recoil State management, React Table.

CLSR - Self hosted, non-custodial location sharing mobile application. Location data is shared only to your network of friends.
Nov. 2022 - Present
- Ionic React application built for IOS and Android. Built using the Matrix protocol for encrypting all location data.

Fractal Networks Marketing Page - Landing Page for Fractal Networks Vision
https://fractalnetworks.co   *Oct. 2021*
- Front end built with html and css only. Advanced css used for all user events.

Personal Projects

Simply Food - Application for displaying recommended recipes based on cuisine type or ingredients in your pantry.
https://simply-food.netlify.app/   *Jun. 2021*
- Consumes spoonacular, and mealDB API
- Designed and built app from scratch using the React Js ecosystem

Developer Portfolio - Website containing hosted project links and GitHub code examples of my personal projects.
https://www.zanderambrose.dev/   Present
- React Js
- CSS Grid/Flex-box

Experience

Software Engineer   *Aug. 2021 - Present*
Fractal Networks
- Full stack engineer with a focus in front end development. Built the user interface for our service providing self hosting solutions at the click of a button. At Fractal Networks, the front end stack includes Next Js, Typescript and Recoil state management library. Our backend stack uses Python and Django along with Docker and Postgres for deployment.

Freelance Web Developer and Consultant   *Jan. 2021 - Aug. 2021*
Independent Freelancer
- Designed, and built personal projects using current technologies and design trends while optimizing content for mobile/ responsive layouts across all browsers.

Education

Univ. of Miami, Frost School of Music   *Dec. 2020*
Master of Music in Jazz Pedagogy

Univ. of Miami, Frost School of Music   *May 2018*
Bachelor of Music in Studio Music and Jazz Performance, Minor in Music Business and Entertainment Industry