Zi Yang

Fullstack Web Developer

✉ yz186337@gmail.com | 🔗 zyang.space | github.com/yzy98

Summary

Fullstack Web Developer with 3+ years building scalable web apps and production-ready dApps. Develop and deploy Solidity smart contracts with Hardhat, and build seamless wallet-connected experiences using wagmi and viem. Strong focus on secure on-chain interactions, transaction lifecycle management, and clean frontend architecture. Deliver production-ready SaaS and Web3 products from concept to launch.

Experience

Freelance   Suzhou, China
Fullstack & Web3 Developer   Jan. 2024 - Present

- Shipped production-ready SaaS and Web3 products end-to-end, from concept to launch, independently managing both frontend and blockchain integration.
- Developed **IntentSwap**, a Web3 dApp integrating Solidity smart contracts with wagmi and viem, implementing secure transaction flows, wallet state synchronization, and on-chain/off-chain data handling.
- Open-sourced a production-ready Next.js + Paddle boilerplate, enabling rapid SaaS launches with subscription infrastructure built in.
- Optimized performance and scalability through code refactoring, caching strategies, and clean architecture design.

Ecovacs   Suzhou, China
Software Engineer   Jan. 2022 - Dec. 2023

- Built interactive 3D web applications using Vue.js and Three.js, delivering smooth, native-like performance and engaging user experiences.
- Translated complex design mockups into responsive, reusable front-end components, collaborating closely with cross-functional teams to ensure alignment between design and functionality.
- Optimized rendering performance and resource usage for 3D content, improving load times and frame rates across devices.
- Contributed to the architecture and code quality of frontend projects through modular design, clean code, and component reuse.

Education

The University of Queensland   Master of Information Technology
Brisbane, Australia   Jul. 2019 - Dec. 2021

Soochow University   Bachelor
Suzhou, China   Sep. 2013 - Jun. 2017

Projects

IntentSwap

- Intent-based swap dApp that executes token trades automatically when user-defined conditions are met.
- Handles secure on-chain transaction flows, wallet state synchronization, and off-chain monitoring for reliable execution.
- **Tech Stack:** Solidity, Hardhat, Wagmi, Viem, Next.js

YouTube Comments Chat

- Transforms YouTube comments into real-time interactive chats, boosting engagement during full-screen video playback.
- Supports user login and subscription unlocks for premium features.
- **Tech Stack:** Chrome Extension, TypeScript, React

Nextjs-Paddle SaaS Starter

- Starter-ready SaaS boilerplate with landing page, billing integration, and dashboard to accelerate product development.
- Enables rapid launch of production-ready SaaS applications.
- **Tech Stack:** Next.js, React, Drizzle ORM, tRPC, Paddle API, TailwindCSS