Jacob D. Castro

@jacobdcastro | jacob@xiv.systems | California

Summary

Accomplished full-stack software engineer specializing in JavaScript/TypeScript and Solidity, with extensive experience in full-stack web3 and DeFi application development. Proven track record of contributions to early-stage web3 startups and delivering keynotes at conferences aimed at enhancing understanding of web3 roadmap items such as intents and chain abstraction. Committed to enriching the web3 ecosystem by skillfully developing and effectively communicating complex, technical projects

Experience

Brink | Remote
Lead Frontend Engineer | 11/2022 - Present

- Led numerous improvement initiatives such as enhancement of web performance and state management, shrinking of package bundle sizes, codebase conversion from JavaScript to TypeScript, removal of tech debt, and refinement of the team's project management system in a hybrid SWE/PM role.
- Contributed heavily to the research, planning, and development of multiple product innovations such as Brink V2 Intents protocol (brink.trade), CroutonSwap (croutonswap.com), Brinkscan (brinkscan.com), cross-chain market making protocol, and the Brink L2 chain.
- Gave two keynote talks at events about intent-centric infrastructure design (ETHGlobal NYC, Devconnect Istanbul).
- Built and launched a Widgets NPM package to simplify integration for external teams.
- Executed a range of developer relations responsibilities for Brink V2 Intents protocol and Widgets, including authoring detailed documentation and tutorials, as well as coordinating with external developers for successful integrations.
- Tech stack: JavaScript, TypeScript, Next.js, React, Redux, wagmi/ethers.js, Node.js, Solidity

XIV Systems | Remote
Founder and Self-employed | 04/2021 - Present

- Contributed full-stack improvement features for Sudoswap (sudoswap.xyz)
- Developed and deployed NFT smart contracts, NFT minting app, and static website for Highly Liquid (highlyliquidny.com)
- Contributed to design and development of staking smart contracts for Thalon (thalon.io)
- Built initial full-stack web application for Tongo (tongo.app)

Coinbooks (YC-backed) | Remote
Founding Engineer | 04/2022 - 08/2022

- Developed a full-stack crypto invoicing dapp, and deployed with native integration to core accounting product.
- Integrated third-party accounting solutions, such as Quickbooks, with the core accounting app.
- Tech Stack: SPA React, TypeScript, Next.js, Ethers.js, Solidity, Express, MongoDB, AWS

cocoNFT (Acquired) | Remote
Full-stack Developer | 06/2021 - 04/2022

- Worked on an NFT minting and sales platform for creators, developing pixel-perfect UI based on designer's Figma files. (coconft.com)
- Tech stack: React, TypeScript, Next.js, Ethers.js/Web3.js, XState, GraphQL, PostgreSQL, AWS.

Jamersan | Remote
Frontend Developer | 11/2020 - 06/2021

- Led the development of an internal Progressive Web App framework for custom e-Commerce templates. (jamersan.com)
- Tech stack: TypeScript, React, Next.js, Tailwind, BigCommerce theme development

Skills & Focuses

JS/TS/Node.js, CSS, React, Ethers/Wagmi.js, Solidity, EVM, Rust, MEV, L2s, Sequencers, Intents, CAKE Framework

Links

github.com/jacobdcastro | twitter.com/jacobdcastro | writings.xiv.systems | [jdc.dev](jdc.dev)