

Jacob D. Castro

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Summary

Accomplished software engineer with 7 years of experience specializing in fullstack JavaScript development (React, Node.js/Express) and expanding expertise in Rust and lower-level systems programming. Proven ability to deliver robust, scalable web3 and DeFi solutions, including smart contracts, off-chain services, and rollup infrastructure.

Experience

XIV Systems | Remote

Freelancer | 11/2018 - Present

- Contributed full-stack improvement features for Sudoswap (sudswap.xyz)
- Developed and deployed smart contracts, NFT minting app, and website for Highly Liquid (highlyliquidny.com)
- Contributed to design and development of staking smart contracts for Thalor (thalor.io)
- Built full-stack web app MVP for Tongo (tongo.app)

Monea | Remote

Co-Founder and CEO | 05/2024 - 10/2024

- Built [Monea's core product](#): a Rust-based CLI and engine for deploying rollup and Ethereum infrastructure.
- Led business development, including networking, partnerships, and fundraising strategy.
- Stack: Rust, Starlark, Docker

Brink | Remote

Lead Engineer | 11/2022 - 07/2024

- Developed [Brink V2 Intents Protocol](#), [CroutonSwap](#), [Brinkscan](#), [Nomial](#), and Brink L2 chain.
- Delivered keynote talks on intent-centric infrastructure at ETHGlobal NYC and Devconnect Istanbul.
- Managed developer relations, documentation; launched NPM package; coordinated JS-to-TS conversion.
- Tech stack: JavaScript, TypeScript, Next.js, React, Redux, wagmi/ethers.js, Node.js, Solidity

Coinbooks (YC-backed) | Remote

Founding Engineer | 04/2022 - 08/2022

- Led development of a full-stack crypto invoicing app with native integration to core accounting product.
- 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)

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)

Skills & Focuses

JavaScript/TypeScript, Node.js, CSS, React, Ethers/Wagmi.js, Rust, Golang, Solidity, EVM, DevOps, GCP/AWS, Docker

Projects

[ZuBerlin 2024 Hackathon Winner](#), [CHIP-8 CPU Emulator](#), [Rust Static Site Generator](#)

Links

github.com/jacobdcastro | x.com/jacobdcastro | xiv.systems