Hudsen Durst

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PROFESSIONAL EXPERIENCE

Software Engineer — 2023 – present
KickBot — *San Francisco, CA*

- Collaborating with a team to develop new features and fix bugs for a Kick stream overlay service with over 7,000 users and 300,000 monthly page views.
- Spearheaded UI/UX improvements using Svelte and TailwindCSS, enhancing user experience.
- Designed and modified API routes using Typescript and Supabase, effectively filtering out banned clips and enhancing content quality.

Software Engineer — 2022 – 2023
CryptoMonkz — *Los Angeles, CA*

- Collaborated with a team of developers to implement both front-end and back-end functionality for a ERC-1155 NFT website.
- Leveraged Docker to locally emulate a blockchain-based game environment, facilitating theme modifications and testing on the front-end.

PROJECTS

ChainTrust
Blockchain-based Trust Funds

- Conceptualized and developed ChainTrust, a platform where Trusts are symbolized as unique ERC-721 NFTs via ERC-6551, streamlining asset ownership and beneficiary transfers.
- Implemented cron jobs to periodically fetch and update trust term data from the blockchain using GraphQL and The Graph, storing in Supabase. Another cron job monitors for trusts meeting their terms, initiating on-chain transfers to beneficiaries.
- Employed Solidity and Hardhat for the creation, testing, and deployment of secure smart contracts, ensuring the integrity of each Trust transaction.
- Designed an interface using NextJs and Wagmi, enhancing platform accessibility.

EDUCATION

Solidity/JavaScript Courses
FreeCodeCamp

Data Structures and Algorithms
Frontend Masters

Smart Contract Security Course
By Trust, Pashov, JohnnyTime

Advanced Solidity: Understanding and Optimizing Gas Costs
Udemy, by Jeffrey Scholz

Advanced Solidity: Yul and Assembly
Udemy, by Jeffrey Scholz

TECHNICAL SKILLS

Languages: TypeScript, Solidity, HTML/CSS, GraphQL
Frameworks: Nextjs, Reactjs, Hardhat, Svelte
Libraries: Ethers.js, Wagmi, OpenZeppelin
Developer Tools: Supabase, Firebase, The Graph, IPFS, Chainlink