Toni Cain

Rust/Solana Engineer

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Seasoned Rust Solana Engineer with over 3 years of experience in Solana blockchain development. Proficient in writing clean, efficient, and secure code in Rust, and skilled in architecting and deploying complex smart contracts and the associated frontend interfaces. Proven ability to collaborate with cross-functional teams to deliver high-quality solutions that meet project requirements and drive business goals. Passionate about pushing the boundaries of blockchain technology and contributing to the growth of decentralized finance ecosystems.

Experience

Solana Blockchain Engineer (Full time) | Molana Pte. Ltd.
July 2022 - March 2024

- Product : *https://defi.molana.finance/* , *https://www.molana.finance/*
- Lead Blockchain Engineer Role
  - Led smart Contract Lifecycle Improvements
  - Led Internal Security Audit with Halborn
  - Managed Github Version Control
  - Designed Blockchain Training Tasks
  - Managed Jira Tickets/Agile Dev Cycle
  - Pointed Teammates to the Right Direction Everyday
- Senior Blockchain Engineer Role
  - Refactored Molana Trading Contract with Anchor framework and Versioned Transaction
  - Designed Tokenomics & Token Vesting Scenario
  - Conducted Deep Dive Unit Testing & Integration Testing
  - Pyth & Powerful Custom Oracle Price Implimentation
- Junior Blockchain Engineer Role
  - Bridged fiat payments (Payoneer) with the blockchain
  - Developed Molana Trading Contract
  - Implemented Yield Farming, Compounding

Solana Blockchain Developer (Contract) | Molana Team
January 2022 - June 2022

- Implementation
  - Implemented Yield Farming, Compounding
  - Implemented Token Swap, Staking, Bond
  - Developed Token Launchpad, NFT Utility Contracts
  - Developed Solana <-> EVM Bridge (Cross Chain Swap)
  - Worked on Powerful Oracle, DAO, Racing game
  - Worked on Betting, Gaming, StableCoin

Solana Fullstack Engineer (Full time) | XP Foundry(Playrooniverse) Company
August 2020 - December 2021

- Implementation

- Developed NFT quest & stake-pool smart contract, Dynamic NFT
- Implemented Frontend Integration
- Product : https://www.playrooniverse.com/

Rust / Bitcoin Developer (Contract) | Molana Team

September 2017 - May 2020

- Implementation
  - Focused on simplicity and small code
  - Utilized versatile data model
  - Implemented top-notch performance, especially during initial indexing

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Education

Bachelor's degree in computer and information sciences | Florida International University at Miami, FL, USA

August 2013 - August 2017

- Relevant Coursework - Computer and Information sciences and support services

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Skills

- Blockchain Core Development
- Smart Contract Engineering with Rust, Solana
- Rust + Anchor + React/Next + Typescript
- Cryptography, Security Audit, Tokenomics
- Cosmos, Golang, Layer2

- DeFi - Swap, Staking, Bond, Farm, Vesting
- DEX - Perpetuals, Leverage, Limit Order Book
- Lending, Liquid Staking, Voting, Launchpad
- NFT - Staking, pNFT, Candy Machine, cNFT
- Gaming, Oracle, Stablecoin, DAO