

# Will Stansill

Smart Contract Developer | Solidity | Foundry | JavaScript | TypeScript  
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## Objective

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Experienced Smart Contract Developer skilled in Solidity and Foundry, specializing in designing and implementing robust blockchain solutions. Passionate about empowering global economic agency through decentralized applications and leveraging blockchain's capabilities. Seeking opportunities to innovate and enhance blockchain ecosystems with expertise in creating efficient and secure smart contracts.

## Skills

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**Programming Languages:** Solidity, JavaScript, TypeScript, HTML/CSS

**Frameworks/Libraries:** Foundry, Hardhat, ZKSync, OpenZeppelin, Ethers.js, React.js

**Tools:** Git, VSCode, MetaMask, IPFS, Chainlink

## Work Experience

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**BCamp — Blockchain Developer Apprentice**  
(Remote)

01/2024 - 02/2024

- Led the development of a data aggregator using Apollo GraphQL to track Ethereum attestations given to BCamp graduates, enhancing program transparency, verifiability and immutability.
- Designed and implemented the front-end interface using Typescript; integrated CoinGecko API for real-time cryptocurrency displays.
- Achieved second place in a competitive team environment and received the 'Diplomat Award' for exemplary cross-team collaboration.

**Standard DAO — Blockchain Researcher**  
(Remote)

02/2022 - 03/2023

- Conducted in-depth blockchain research and authored a 25-page thesis titled "*The Case For Decentralized Development as an Alternative to Centralized Models of Economics.*"

**Carthago — Blockchain Writer**  
(Remote)

04/2022 - 02/2023

- Authored articles on blockchain's potential to empower marginalized communities, improve societal outcomes, and address issues such as disaster relief, data privacy, energy poverty, and decentralization.

## Projects

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**Decentralized StableCoin — Foundry, Solidity, Ethereum, Bitcoin, Chainlink Oracles**

- Developed an endogenous stablecoin backed by Ethereum and Bitcoin, featuring liquidation incentives and robust decentralized collateral management. Integrated Chainlink Oracles for additional reliability and accuracy.

**Governance DAO — Foundry, Solidity, ERC20**

- Developed a DAO governance system leveraging Solidity and Foundry, utilizing ERC20 governance tokens for proposal and voting mechanisms. Features robust security with OpenZeppelin contracts and a TimelockController for community transparency.

**Account Abstraction Project — Foundry, Solidity, ECDSA, ZKSync, Ethereum**

- Engineered a flexible account management layer for Ethereum as well as zkSync with native account abstraction, improving security with ECDSA signature verification and Foundry's testing capabilities.

**Vesting Smart Contract — Foundry, Solidity, ERC20**

- Implemented a vesting smart contract defining role-based token distribution and schedules using Solidity. Ensured precision and security through Foundry's comprehensive testing environment.

## Education

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**Appalachian State University | Boone, North Carolina, USA**

August 2018 - May 2023

BA Global Studies

Concentration in Global Health and Development, Emphasis in Blockchain Technologies

