

# HENRY ZHANG

## Senior Blockchain Engineer

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### Summary

Passionate and results-driven Blockchain Developer with over 6 years of experience building secure, scalable, and high-performance decentralized applications and smart contracts across Ethereum, BNB Smart Chain, Solana, and Cosmos. Expert in Solidity, Rust, and Go with deep knowledge of decentralized systems, DeFi protocols, token standards (ERC-20, ERC-721, ERC-1155), and cross-chain infrastructure. Core contributor to industry leaders like Chainlink and OpenSea. Strong problem-solving skills, attention to detail, and a proven track record of delivering production-grade blockchain solutions.

### Experience

|   |                           |
|---|---------------------------|
| GreenBay  | California, United States |
| Founding Engineer   | 01/2024 - Present         |
| <ul style="list-style-type: none"><li>Developed a multi-chain decentralized payment and donation platform on Ethereum, Solana, and Cosmos SDK.</li><li>Designed and deployed smart contracts with a focus on on-chain compliance, token flows, and cross-chain compatibility.</li><li>Built a React/Node.js dashboard with wallet integration and real-time analytics.</li><li>Built a React/Node.js dashboard with wallet integration and real-time analytics.</li><li>Led internal security audits and performance optimization for deployed contracts.</li></ul> |                           |
| Chainlink Labs  | California, United States |
| Senior Smart Contract Engineer  | 12/2022 - 12/2023         |
| <ul style="list-style-type: none"><li>Contributed to Chainlink Staking v0.2 and CCIP, focusing on validator logic, token economics, and cross-chain messaging.</li><li>Enhanced Chainlink VRF and Data Streams with improved randomness and reliability.</li><li>Wrote and audited smart contracts with Solidity and Go, optimizing for gas efficiency and security.</li><li>Collaborated across departments on infrastructure design, smart contract reviews, and developer tooling.</li></ul>   |                           |
| OpenSea   | New York, United States   |
| Senior Blockchain & Full Stack Developer  | 04/2018 - 10/2022         |
| <ul style="list-style-type: none"><li>Architected and deployed NFT contracts (ERC-721, ERC-1155) for minting, trading, and auctions.</li><li>Led integration of Chainlink price oracles and wallet providers.</li><li>Developed full-stack features using React, Node.js, and PostgreSQL.</li><li>Oversaw vulnerability assessments and coordinated patching for smart contract bugs.</li><li>Mentored junior devs on blockchain best practices and decentralized architecture.</li></ul>   |                           |

### Education

|   |                   |
|---|-------------------|
| Tsinghua University                     | Beijing, China    |
| Bachelor of Science in Computer Science | 09/2013 - 10/2017 |

### Certification

Chainlink Smart Contract Mastery Certificate (2023)

AWS Certified Solutions Architect — Associate (2021)

Certified Blockchain Developer — Blockchain Council (2020)

### Skills

Smart Contract Development: Hardhat, Foundry, Truffle, Anchor, CosmWasm

Token Standards: ERC-20, ERC-721, ERC-1155

Languages & Frameworks: Solidity, Rust, Go, JavaScript/TypeScript, Python, Ethereum, BNB Chain, Solana, Polygon, Cosmos SDK

FullStack: React, Next.js, TailwindCSS, Node.js, Express.js, FastAPI, Flask

DevOps & Cloud: AWS, IBM Cloud, Tencent Cloud, Docker, GitHub Actions

Protocols & Databases: Chainlink VRF, CCIP, Data Streams, DeFi, NFT Marketplaces, PostgreSQL, Redis, MongoDB