MING CHENG

Blockchain Engineer | Solidity, EVM Infrastructure, Cross-Chain Systems
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Summary

Blockchain engineer with experience building Solidity smart contracts, cross-chain infrastructure, and production blockchain systems across Ethereum, Solana, and EVM ecosystems.

Strong background in smart contract development, protocol integrations, blockchain indexing, and low-latency backend systems. Built token, staking, vault, trading, and interoperability infrastructure with a focus on reliability, automation, and secure execution.

Comfortable working across smart contracts, backend architecture, and blockchain integrations in distributed remote teams.

Technical Skills

Smart Contracts: Solidity, Rust, Anchor, Foundry, Hardhat, OpenZeppelin

Blockchain: Ethereum, Solana, Base, BNB Chain, Polygon, Fantom, Bitcoin

Cross-Chain / DeFi: Chainlink CCIP, Circle CCTP, AMMs, liquidity pools, vaults, staking, DEX integrations

Backend: Go, TypeScript, Node.js, FastAPI, NestJS, Express, GraphQL

Frontend / Web3: React, Next.js, Vue, Tailwind, Ethers.js, Web3.js

Databases: PostgreSQL, MongoDB, MySQL, SQLite

Infrastructure: WebSockets, gRPC, blockchain indexing, distributed systems, real-time monitoring

Experience

Debot.AI China
Blockchain Developer (Remote, Part-Time) Oct. 2025 – Dec. 2025

- Built a real-time copy trading engine in Go for BNB Chain to support automated DEX trade replication.
- Implemented blockchain monitoring pipelines using WebSockets and transaction decoding.
- Reduced trade detection latency from 2 seconds to under 400ms.
- Developed modular risk controls including balance checks, execution filtering, and slippage protection.

Telegram Trading Bot China
Rust Backend Engineer (Remote, Full-Time) May. 2025 – Aug. 2025

- Rebuilt a high-frequency trading bot backend from TypeScript to Rust to improve performance and scalability.
- Integrated Yellowstone gRPC streaming and Carbon indexing for real-time blockchain monitoring.
- Designed backend architecture capable of handling thousands of concurrent trading requests.
- Removed RPC bottlenecks through direct blockchain event indexing.

Chainswap UK
Lead Solana Developer (Remote, Part-Time) Aug. 2024 – Nov. 2024

- Led development of cross-chain infrastructure integrating Circle CCTP, Chainlink CCIP, and Jupiter workflows.
- Implemented interoperability flows supporting cross-chain liquidity transfers and decentralized exchange functionality.
- Expanded platform interoperability across 8+ blockchain networks.
- Contributed to secure asset movement and multi-network composability at the protocol integration layer.

Degen.fund USA
Smart Contract Developer (Remote, Full-Time) Jan. 2024 – Jul. 2024

- Developed token launch smart contracts and indexing infrastructure across Solana and Base ecosystems.
- Extended token launch mechanics and backend services for high-demand blockchain applications.
- Built liquidity and execution tooling for decentralized exchange environments.
- Improved infrastructure scalability and reliability during launch-phase transaction activity.

Blocksmith Labs Remote
Solana Web3 Developer Jul. 2023 – Nov. 2023

- Contributed to NFT ecosystem products focused on project discovery, curation, and on-chain information platforms.
- Implemented dynamic art generation and gamified engagement systems for Web3 user experiences.
- Supported delivery of production-ready consumer-facing blockchain applications.

Moduluc United States
Solana Developer Nov. 2022 – May. 2023

- Integrated blockchain technology and Web3 protocols into consumer-facing web applications.
- Developed frontend platforms including moduluc.com and airia.xyz.
- Supported the Airia NFT collection reaching 16.4K SOL trading volume on Magic Eden.
- Contributed to product growth through scalable Web3 application development.

Walden United States
Solana Smart Contract Developer May. 2022 – Sep. 2022

- Developed Solana-based NFT systems including minting, staking, evolution, breeding, voting, vesting, and marketplace functionality.
- Participated in smart contract audits focused on NFT-related protocol components.

Visor Finance United States
Ethereum Developer Dec. 2021 – Mar. 2022

- Designed, tested, and deployed Solidity smart contracts for token vesting, staking, refund vaults, and multisignature systems.
- Built decentralized exchange functionality supporting ERC20, ERC721, and ERC1155 token standards.
- Forked and customized Olympus DAO contracts across Ethereum and Fantom networks.
- Participated in smart contract audits and security review for production EVM deployments.
- Worked on EVM contract architecture and deployment workflows for protocol-level functionality.

Smooth Team United States
Software Engineer May. 2017 – Sep. 2018

- Developed a real-time auction platform using Firebase and Node.js.
- Built monitoring systems for auction events and reduced manual refresh operations by 80%.
- Designed scalable REST APIs for recruitment and workflow management systems.
- Implemented workforce planning features supporting automated shift scheduling.

OnGraph Technologies Malaysia
Junior Frontend Developer Sep. 2016 – Mar. 2017

- Built responsive web interfaces using React.
- Implemented UI/UX designs and dashboard systems.

Education

Master of Computer Science
Malaysia University of Science and Technology (MUST) 2012 – 2016