# Kevin Tsang

Senior Blockchain Engineer

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## SUMMARY

Experienced Senior Blockchain Developer with 8+ years of expertise in designing, developing, and securing blockchain-based applications and smart contracts. Proficient in Ethereum, Solana, and Hyperledger, with a strong focus on DeFi protocols, tokenomics, and cross-chain interoperability.

Adept at optimizing gas-efficient smart contracts, ensuring scalability, and driving performance improvements in blockchain applications. Skilled in collaborating with cross-functional teams to deliver secure, scalable, and high-performance blockchain solutions. Committed to staying ahead of emerging blockchain technologies and trends to provide cutting-edge solutions.

## EXPERIENCE

**RedToken Global,** *Sweden*                                                                                   07/2024 - Present
**Founding Blockchain Engineer**

- Designed and deployed enterprise-level payment infrastructure using Hyperledger Fabric.
- Led development of DeFi modules for nft platforms, staking, yield farming, and liquidity protocols.
- Implemented EVM-compatible and cross-chain logic for token interoperability.
- Conducted smart contract audits and designed test strategies to ensure protocol safety.
- Managed cloud-native infrastructure using AWS, Docker, and Kubernetes.
- Contributed to research on post-quantum cryptography and blockchain security.

**Vaultik,** *London Area, UK*                                                                                  07/2023 - 06/2024
**Lead Blockchain Engineer**

- Delivered tokenized Digital Product Passports (DPPs) for physical-digital hybrid products.
- Architected NFT minting tools for luxury brands, integrating Web3 wallets and ownership proofs.
- Developed scalable B2B APIs and SDKs for e-commerce and loyalty systems.
- Ensured protocol integrity through continuous integration and on-chain test environments.

**Chainlink Labs**                                                                                              04/2020 - 06/2023
**Senior Blockchain & Full Stack Engineer**

- Core contributor to major Chainlink products including:
- Chainlink CCIP (Cross-Chain Interoperability Protocol)
- Chainlink VRF v2
- Chainlink Functions, Data Streams, and Keepers (Automation)
- Chainlink Staking v0.1
- Built backend and smart contract integrations for oracle systems and dApps.
- Focused on contract gas optimization, modular design, and robust testing.

**Binance**                                                                                                     12/2018 - 03/2020
**Software Engineer**

- Supported early development and scaling of Binance Smart Chain (BSC).
- Delivered smart contract infrastructure for Binance Launchpad, Earn, and Staking products.
- Collaborated on cross-functional teams to implement backend and on-chain modules.
- Ensured protocol-level compliance, performance, and scalability in live environments.

## EDUCATION

**National University of Singapore**                                                                            09/2014 - 05/2018
**Bachelor of Science in Computer Science**

## SKILLS

**Smart Contract:** Solidity, Foundry, Hardhat, Rust, Anchor
**Blockchain:** IPFS, Graph, Layer 2, Ethereum, Solana, EVM
**Languages:** JavaScript, TypeScript, Solidity, Rust, Golang, Python, PHP
**Frontend:** React, Next.js, React Native, Angular, VueJS
**Backend:** Node.js, Express.js, NestJS, Django, Laravel
**Cloud & DevOps:** AWS, GCP, IBM, Docker, Kubernetes
**Tools:** Git, Jira, Figma

## CERTIFICATION

Certified Blockchain Developer (Ethereum) - Blockchain Council, 2021
Hyperledger Fabric Administrator - Linux, Foundation, 2020