Fuji.ETH

Full-stack Blockchain Engineer

Email | X | GitHub | Telegram

SUMMARY

I am a **Full-stack Blockchain Engineer** with over 5 years of experience in DeFi and blockchain ecosystems. I have developed scalable smart contracts, ZK-proof systems, and full-stack Web3 solutions, reducing costs and increasing user engagement. My work has contributed to enhanced liquidity, improved protocol stability, and seamless cross-chain interactions for businesses and users.

KEY ACHIEVEMENTS

- **Virtual Labs - VDEX Integration**
  Developed ZK proof systems and smart contracts for Virtual Rollups, achieving sub-second finality and reducing gas fees. Delivered seamless cross-chain transactions, increasing efficiency for users and boosting platform adoption.
- **Ender Protocol**
  Built scalable smart contracts for liquid staking tokens, integrating yield mechanisms and governance. Enhanced liquidity and yield opportunities, significantly increasing TVL and user participation.
- **Gravita Protocol**
  Designed borrowing mechanisms and collateral management systems using Solidity, enabling users to mint stablecoins against diverse collaterals. Improved protocol stability and adoption by enhancing user incentives and liquidity strategies.

PROFESSIONAL EXPERIENCE

Virtual Labs

Senior Blockchain Engineer - ZK, Smart Contract **Nov 2023 - Jul 2024**

Remote Full Time

Virtual Labs builds omnichain rollups with sub-millisecond finality.

- Developed ZK proof systems to enhance scalability and privacy.
- Engineered smart contracts for Virtual Rollups, reducing gas fees and latency.

- Integrated rollups into cross-chain infrastructures, enabling seamless transactions. (VDEX)

Ender Protocol

CTO, Senior Solidity Engineer **Jun 2023 - Nov 2023**

Remote Full Time

Ender Protocol specializes in DeFi solutions for liquid staking tokens.

- Built smart contracts for liquid staking and yield mechanisms.
- Designed secure, scalable protocol infrastructure.
- Integrated LST structure, governance to empower decentralized decision-making.

Cerulean Blue (Amberfi)

CTO, Senior Blockchain Engineer **Aug 2022 - Oct 2023**

Remote Full Time

Cerulean Blue developed e-commerce solutions using blockchain. (Closed)

- Created secure payment systems with smart contracts.
- Enabled transparent digital content management for brands and built NFT Marketplace.

Hector Network

Senior Solidity Engineer, Backend Engineer **Jun 2023 - Nov 2023**

Remote Full Time

Hector Network offers DeFi financial services. (Closed)

- Developed smart contracts and optimized protocol features.
- Implemented cross-chain capabilities to improve interoperability.

LATOKEN

Senior Blockchain Engineer - Protocol, Smart Contract **2022**

Remote Full-Time

LATOKEN is a cryptocurrency exchange for digital asset trading.

- Developed smart contracts cross chain functionality and Sushiswap's masterchef contracts.

- Improved transaction speed and reduced fees through protocol optimization (honey badger vm).

EG Global

Senior Blockchain Engineer **Feb 2022 - May 2022**

Remote Full Time

EG Global focuses on blockchain ecosystems and social impact.

- Built staking mechanisms to increase platform engagement.
- Integrated blockchain into social initiatives to enhance transparency.
- Developed Platform smart contracts, migration tools, NFT marketplace.

Xternity

Senior Backend, Blockchain Engineer, Unity Engineer **2022 - 2024**

Remote Part-Time

Xternity helps game developers integrate Web3 technologies, publish mobile games.

- Developed blockchain-backed game systems and NFT features.
- Supported seamless Web3 integration for gaming platforms.
- Developed some mobile games and backend APIs.

Metaversus

CTO, Tech Lead **Oct 2021 - Sep 2022**

Remote Full Time

Metaversus builds virtual worlds powered by blockchain. (Closed)

- Designed platform architecture for scalability and security.
- Implemented asset ownership and transaction features for users.

Liquidity Dividend Protocol

Full-stack Engineer **2020 - 2021**

Remote Full Time

LID Protocol specializes in liquidity lock mechanisms for DeFi projects. (Closed)

- Developed front-end and smart contracts for liquidity and dividends.
- Ensured secure, transparent fund management for DeFi platforms.

TMA Solutions

Software Engineer **2018 - 2020**

Remote Full-Time

TMA Solutions provides software development services for enterprise clients.

- Developed backend systems for CPQ and BPT platforms, improving workflow automation.
- Integrated cloud services with Power BI, enhancing data visualization and reporting.
- Optimized platform infrastructure for better scalability and performance.

PERSONAL PROJECTS, COMMUNITY CONTRIBUTIONS

Dirac Finance

Community Contributor - Smart Contract (Vault) **2024**

Kitsune Token

Full-stack Engineer **Feb 2024 - Sep 2024**

Graph Builders DAO

DAO Contributor - Subgraph, Substream (Curve) **2023**

Gravita Protocol

Community Contributor - Price Feed **2023**

KumoLogic AI

Senior Platform Engineer **2023**

LookLabs

Senior Blockchain / Backend Engineer **2023**

Kodoku Studio

Senior Blockchain Engineer (NFTs) **2022 - 2023**

Platypus Finance

Community Contributor - Smart Contract (Security) **2022**

Martify Labs

Community Contributor - Smart Contract, Frontend **2021**

LICENSES & CERTIFICATIONS

Mantas

Blockchain Test for Solidity Developers **2022**

Credential ID – 343101

Hacker Rank

Problem Solving (Intermediate) Certificate **2022**

Credential ID – 343101

EDUCATION

Tokyo Institute of Technology (Institute of Science Tokyo)

Computer Science **2014 - 2017**

SKILLS

- Solidity
- Rust (Solana)
- DeFi
- Web3
- Ethers.js
- Zero Knowledge Proof
- Rollups
- L2s
- Hardhat
- Foundry
- GraphQL
- Node.js
- React.js
- Next.js
- Python
- C#
- Tailwind CSS
- TypeScript
- JavaScript
- AWS
- MongoDB
- CI/CD

LANGUAGES

- Japanese (Native or bilingual)

- English (Professional)

HOBBIES

- Video Games
- Books
- Football
- Baseball
- Anime