Senior Blockchain Engineer

Narita Daiki

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Summary

Senior Blockchain Engineer with hands-on experience in designing, developing, and deploying decentralized applications and smart contracts across multiple ecosystems. Skilled in Solidity, Rust, and Web3 integrations for building scalable, secure, and transparent blockchain solutions.
Strong background in full-stack development, API integration, and cloud deployment with proven ability to bridge Web2 and Web3 technologies for enterprise-grade applications.

Core Skills

• **Blockchain & Web3**: Solidity, Rust, Smart Contracts, DeFi Protocols, NFT Platforms, Wallet & dApp Integrations, Tokenomics
• **Programming & Frameworks**: TypeScript, JavaScript, React, Next.js, Node.js, Python, PHP/Laravel
• **Blockchain Tools & Libraries**: Web3.js, Ethers.js, Hardhat, Truffle, Anchor, Move, Substrate, Polkadot SDK
• **Infrastructure & Cloud**: AWS, Docker, Kubernetes, CI/CD
• **APIs & Integrations**: REST, GraphQL, JSON-RPC, third-party services
• **Development Practices**: Git, Agile/Scrum, SDLC, Security Auditing, Unit Testing

Professional Experience

Senior Blockchain Engineer | Tokyo, Japan | Sep 2022 - Present

• Designed and deployed a scalable microservice-based architecture for a multi-tenant blockchain analytics platform, featuring database sharding, containerized services, and API gateway optimization.
• Developed and audited production-grade smart contracts for token issuance, NFT minting, and DeFi integrations using Solidity, Hardhat, and OpenZeppelin standards.
• Integrated Stripe and cryptocurrency payment solutions into SaaS dashboards, ensuring PCI compliance, secure transaction flows, and seamless user experience.
• Led code reviews, pair programming, and technical mentorship to enhance security, maintainability, and onboarding efficiency across engineering teams.

Full Stack Engineer | Tokyo, Japan | Mar 2020 - Aug 2022

• Developed and maintained full-stack blockchain applications with a focus on responsive UI/UX, smart contract integration, and performance optimization.
• Built and maintained RESTful APIs and backend services supporting decentralized applications (DApps), ensuring scalability, reliability, and low-latency data access.
• Collaborated with product teams to design user-friendly dashboards for token management, transaction tracking, and contract analytics.
• Improved DApp load times and responsiveness by optimizing API calls, caching strategies, and frontend rendering workflows.
• Wrote unit and integration tests for both backend services and smart contracts, achieving over 90% code coverage and reducing post-deployment bugs.

Junior Blockchain Developer | SakuraTech Labs (Tokyo) | Jan 2019 - Feb 2020

• Worked at a small Tokyo-based blockchain startup, SakuraTech Labs, assisting in the design and deployment of proof-of-concept DApps and learning core blockchain patterns such as API integration and Solidity contract deployment.
• Improved development workflows by contributing to documentation and version control procedures, making handovers smoother and more consistent.

Projects

Built MKC - Magic Kitties Community | React + Typescript + Web3

Built a secure, React and TypeScript - based platform to help users manage digital assets, including NFTs and vaults, with a focus on clean UX and accessibility.
• **Live Demo** : https://mkc1.onrender.com/
• **Github :** https://github.com/aleriado/mkc-front-mk

Contributed Qbond's Front-end | Next.js + Tailwinds CSS + 3D Animation

Contributed to the front-end of a decentralized Web3 application built with Next.js, integrating smart contract features and blockchain interactions in a user.
• **Live Demo :** https://qbond.vercel.app
• **Github :** https://github.com/aleriado/qbond-dashboard

Built Solana Copy Trading Bot | Python + FastAPI

Developed a Solana Copy Trading Bot using Python and FastAPI integration to automate real-time Solana wallet monitoring and copy specific transaction.
• **Github** : https://github.com/aleriado/Solana-Copy-Trading-Bot

Contributed to Qubic | Blockchain Architecture + Node Deployment using C++

Contributed to the Qubic node implementation, optimizing core architecture, consensus logic, smart contract engine, and P2P networking for a secure and scalable network.
• **Github :** https://github.com/aleriado/Qubic_core

Contributed Third-web-Contracts | Third-web SDK + Smart Contract + Solidity

Contributed to a collection of smart contracts deployable through the Thirdweb SDK, Dashboard, and CLI, focusing on developing and optimizing contract modules for seamless deployment, interaction, and management across multiple blockchain environments.

- **Github :** https://github.com/aleriado/Thirdweb-Contracts

Contributed to Qubic | Blockchain Architecture + Node Deployment using C++

Contributed to the implementation of WebAssembly smart contracts for the Cosmos SDK, developing and optimizing code that compiles into Wasm bytecode to enable efficient, secure, and interoperable smart contract execution within the Cosmos ecosystem.

- **Live Demo :** https://www.cosmwasm.com
- **Github :** https://github.com/aleriado/cosmwasm-smart-contracts

Other projects :

- https://kyberswap.com/
- https://www.geniusyield.co/
- https://www.nmkr.io/
- https://www.fireblocks.com/
- https://shapeshift.com/
- https://bento.finance/

Education

Master of Computer Science - University of Tokyo, Japan (2016 – 2018)

Focused on distributed systems, cryptography, and blockchain architecture, researching scalable and secure decentralized frameworks.

Bachelor of Information Engineering - Tokyo Institute of Technology, Japan (2012 – 2016)

Specialized in software engineering, algorithms, and network security with strong foundations in system design and applied mathematics.

Led a capstone project on secure data transmission protocols and contributed to early open-source distributed computing initiatives.

Languages

English (Fluent) | Japanese (Native)