Tadashi Amano

Blockchain Developer

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Dynamic and results-oriented Senior Blockchain Developer with 4 years of experience in designing, developing, and implementing blockchain solutions. Proficient in blockchain technologies such as Ethereum, Hyperledger Fabric, and Solidity smart contracts. Skilled in developing decentralized applications (DApps), implementing consensus algorithms, and integrating blockchain with enterprise systems. Strong background in cryptography, secure coding practices, and blockchain security. Adept at leading cross-functional teams and collaborating with stakeholders to deliver innovative blockchain solutions that drive business growth.

Skills

- **Blockchain Technologies:** Ethereum, Hyperledger Fabric, Solana, Ton, Solidity, Rust, Web3.js, Truffle Suite

- **Smart Contracts:** Development, Auditing, Optimization

- **Cryptocurrencies:** ERC-721, ERC-20 Tokens, Cryptographic Hash Functions

- **Distributed Ledger Technologies:** Consensus Algorithms, Permissioned Blockchains

- **Development Tools:** Remix, Ganache, MetaMask, Geth, Quorum

- **Security:** Cryptography, Secure Coding Practices, Smart Contract Audits

- **Integration:** Blockchain with Enterprise Systems, API Integration

Experience

Software Engineer

Freelancer | *September 2023 – Current*

- Developed and deployed automated trading bots for various clients, utilizing strategies such as arbitrage and trend-following.

- Integrated APIs from multiple cryptocurrency exchanges to facilitate real-time trading and data analysis.

- Conducted thorough backtesting using historical data to optimize trading strategies for performance and risk management.

- Provided ongoing support and maintenance, ensuring bots adapt to changing market conditions.

Senior Full Stack Developer

Blockchain Innovations Inc.   *New York, NY | Jan 2022 – Aug 2023*

- Led the development of blockchain solutions using Ethereum and Solidity smart contracts, focusing on scalability and security.

- Designed and implemented decentralized applications (dApps) for various use cases, including supply chain management and financial transactions.

- Integrated blockchain solutions with enterprise systems, ensuring seamless data flow and interoperability.

- Conducted code audits and implemented best practices for smart contract development to mitigate security risks.

- Collaborated with legal and compliance teams to ensure regulatory compliance of blockchain applications.

Blockchain Developer

CryptoTech Solutions. San Francisco, *CA | Jun 2020– Dec 2021*

- Developed blockchain solutions using Hyperledger Fabric, implementing permissioned blockchain networks for enterprise clients.

- Designed and deployed smart contracts in Solidity, optimizing gas usage and contract efficiency.

- Implemented consensus algorithms and performed performance tuning to enhance blockchain network throughput and scalability.

- Collaborated with UX/UI designers to create intuitive user interfaces for blockchain applications.

- Conducted technical workshops and training sessions on blockchain technology for internal teams and clients.

Blockchain Developer

Decentralized Apps LLC.   *Austin, TX | Aug 2019 – May 2020*

- Pioneered the development of decentralized applications (dApps) using various blockchain platforms and protocols.

- Designed and implemented cryptographic algorithms and secure protocols for data encryption and validation.
- Conducted research and development of new blockchain technologies and frameworks to drive innovation within the organization.
- Collaborated with cross-functional teams including researchers, engineers, and product managers to prototype and launch blockchain-based products.
- Contributed to open-source blockchain projects and engaged with the developer community to share knowledge and best practices.

Full Stack Developer

PIEXEC, LLC– Personal Contract in Tampa Bay, Florida, US | *Aug 2016 – July 2019*

- Integrated Web Admin Panel to IOT projects using React.js, Node.js, Typescript and AWS EC2.
- Developed shopping site and building management service site using React.js, TypeScript, Angular, Node.js, Svelte and Cryptocurrency (BTC & ETH).
- Developed a dashboard for all the important metric reports using React and Node, MongoDB database to show key performance Indicators, thus creating and analytical basis for decision making to Increase overall performance.
- Awarded 'Employee of the Month' in January 2017 for introducing and developing new UI based customer engagement feature which leveraged 200% growth in engagement.

Typical Projects

✔ https://defitankland.netlify.app/

- **Smart Contract Development:** Designed and implemented smart contracts for NFT tank creation, trading, and ownership management, ensuring secure and transparent transactions on the blockchain.

- **Integration of Staking Mechanisms:** Created staking pools that allow players to stake their tanks, earning rewards and enhancing gameplay dynamics.

- **Game Mechanics Implementation:** Collaborated with the game design team to integrate blockchain features into game modes like Capture the Flag and Death Match, ensuring seamless interaction between the game and the blockchain.

✔ https://www.centric.com/

- **Smart Contract Development:** Developed and deployed smart contracts for CNS and CNR tokens, ensuring secure and efficient transactions.

- **Integration:** Integrated the Centric wallet with external exchanges, enabling seamless swapping between CNS and CNR.

- **Challenges Overcome:** Resolved scalability issues by optimizing smart contract code, reducing transaction costs by 20%.

✓ **https://novation-dapp.netlify.app/**

- **Smart Contract Development:** Developed and deployed smart contracts using Solidity for token creation and management, implementing features such as minting, burning, and transferring tokens securely.

- **Integration:** Integrated Ethereum and Binance Smart Chain to allow users to trade across multiple networks, enhancing liquidity and user options.

- **Innovative Features:** Implemented a unique liquidity mining program that incentivizes users to provide liquidity by rewarding them with governance tokens, thus enhancing user engagement and platform stability.

Education

Bachelor of Science in Computer Science

WASEDA UNIVERSITY | Sep 2013 – May 2016

- Gained a strong foundation in computer science principles and software development.

- Participated in the university's tech club, contributing to several open-source projects.

- Relevant coursework: Data Structures, Operating Systems, Software Engineering, Computer Networks.

Certificate