

SHIN ASHIKAGA

Blockchain Developer

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EXPERIENCE

Blockchain Developer

Nftx 04/2021 - 06/2024 Location

- Engineered and deployed advanced smart contracts, introducing programmable royalties and multi-owner structures, contributing to a noticeable increase in marketplace transactions and revenue
- Optimized smart contract code to reduce gas fees for users by 5-10%, leading to more affordable transactions and improved platform performance
- Collaborated with the product team to integrate blockchain functionalities into user-facing applications, reducing feature development time by 20% and streamlining user workflows
- Built modular dApp components, accelerating development timelines by 30%, allowing rapid deployment of blockchain features across 5 projects in under six months
- Facilitated the migration of legacy dApps to updated contract standards, increasing compatibility with Ethereum's latest upgrades and ensuring 99.9% uptime during transitions
- Supported the tokenization of real-world assets, including property and art, into NFTs, expanding the platform's offerings and contributing to a 15% increase in user acquisition
- Developed dApps for NFT lending platforms, enabling secure collateralized transactions, supporting over 1,000 loans in the first three months of launch

Blockchain Developer

Swipe 01/2020 - 02/2021 Location

- Integrated blockchain oracles to enable smart contracts to execute seamlessly based on real-world data, achieving 99.9% accuracy in external condition triggers
- Developed custom pricing oracles to provide accurate token swap rates, significantly reducing price discrepancies by 15% in comparison to prior implementations
- Designed and deployed an automated market maker AMM algorithm that enhanced trade execution efficiency, reducing slippage by 8% and improving user satisfaction
- Introduced a rewards program that incentivized liquidity providers, driving a 25% increase in user participation and a 30% growth in liquidity within six months
- Implemented a liquidity mining initiative that encouraged token holders to contribute, leading to a 15% increase in liquidity pool size over a three-month period

Fullstack Developer

Liferay 08/2017 - 11/2019 Location

- Enhanced payment processing systems by integrating multiple payment gateways, boosting transaction security and ensuring compliance with PCI DSS standards, resulting in improved transaction success rates and reduced processing errors by 10%
- Implemented user account features that allowed customers to save their information, track orders, and manage preferences for a personalized shopping experience
- Developed a customer service portal using React and Firebase, incorporating live chat support and comprehensive FAQs, reducing response times by 25% and boosting customer satisfaction scores by 10%

SUMMARY

Blockchain Developer | Smart Contracts | DeFi
Senior Blockchain Developer possess extensive expertise in blockchain technology and full-stack development, gained during my time at NFTX, a leading NFT marketplace. I specialize in smart contracts and decentralized applications (dApps) that enhance user experience. With successful contributions at ThoughtWorks and Liferay, I focus on integrating blockchain solutions and designing seamless frontend and backend systems. Recognized for my problem-solving skills, I seek to leverage my knowledge to drive transformative projects in an innovative organization.

EDUCATION

Bachelor's Degrees

University of California

09/2013 - 05/2017 Location

- Relevant Coursework: Advanced Data Structures, Algorithm Design and Analysis, Full-Stack Web Development, Introduction to Blockchain Technology

SKILLS

Blockchain	Ethereum	Smart Contract
Solidity	Rust	Web3.js
Node.js	React.js	Next.js
MySQL	MongoDB	Git
SEO		Firebase

LANGUAGES

English	Native	●●●●●
Japanese	Native	●●●●●