

# SHIN ASHIKAGA

Senior Fullstack Developer

## CONTACT

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📍 Edinburgh

## LANGUAGES

- Japanese: Fluent
- English: Fluent

## EDUCATION

**University of California**  
**2014 - 2017**

### Bachelor's Degrees

Relevant Coursework: Data Structures, Algorithms, Web Development, Blockchain Technology

## SKILLS

- React.js
- TypeScript
- Firebase
- Git
- SQL
- Solidity
- Mathematics
- Blockchain
- Ethereum Smart Contract
- Token Develop
- dApp

## PROFILE SUMMARY

I 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.

## WORK EXPERIENCE

### NFTX

APR 2021 - JUN 2024

#### Blockchain Developer

- Developed and deployed custom smart contracts to support advanced NFT features, including programmable royalties and multi-owner structures, enhancing NFTX's marketplace.
- Optimized smart contract gas fees, reducing transaction costs for users and improving overall platform efficiency.
- Collaborated with the product team to integrate blockchain functionalities into user-facing applications, bridging technical requirements with user-centric designs.
- Built modular dApp components for easy integration of blockchain features across different projects, accelerating development timelines.
- Spearheaded the migration of legacy dApps to newer contract standards, ensuring compatibility with the latest Ethereum updates.
- Worked on tokenizing real-world assets (e.g., property, art) for sale as NFTs, expanding NFTX's user base.
- Developed dApps for NFT lending platforms, enabling secure, collateralized transactions on NFTX.

### Swipe

JAN 2020 - FEB 2021

#### Blockchain Developer

- Integrated Oracle Solutions: Worked with blockchain oracles to fetch real-world data, enabling smart contracts to execute based on external conditions.
- Developed custom oracles to ensure accurate pricing feeds for token swaps.
- Wrote Technical Documentation: Created comprehensive documentation for smart contract functionalities, assisting developers and end-users in understanding system capabilities.
- Implemented an automated market maker (AMM) algorithm to optimize trade execution.
- Implemented a rewards system for liquidity providers to increase engagement.
- Developed a liquidity mining program to encourage token holders to provide liquidity.

### Liferay

FEB 2019 - NOV 2019

#### Fullstack Developer

- Established secure payment processing systems by integrating multiple payment gateways, ensuring secure transactions and compliance with PCI DSS standards.
- Implemented user account features that allowed customers to save their information, track orders, and manage preferences for a personalized shopping experience.
- Developed a robust customer service portal that included live chat support and comprehensive FAQs, improving response times and customer satisfaction.
- Integrated AI for personalized shopping experiences.

### ThoughtWorks

AUG 2017 - NOV 2018

#### Frontend developer

- Enhanced user engagement by 30% through innovative web development strategies.
- Achieved a 50% reduction in website load times by optimizing speed.
- Increased web traffic by 40% utilizing strategic SEO techniques.