

# ROBERT COMBS

## Blockchain Developer

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## 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 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.

## Experience

### Nftx

Location

#### Blockchain Engineer

04/2022 - 12/2024

- Engineered and deployed advanced smart contracts, introducing programmable royalties and multi-owner structures that contributing to a noticeable increase in marketplace transactions and revenue.
- Optimized smart contract code to reduce gas fees for users by 5-10% to leading to more affordable transactions and improved platform performance.
- Collaborated with the product team to integrate blockchain functionalities into user-facing applications for 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 1000 loans in the first three months of launch.

### Fantom

Location

#### Blockchain Developer

01/2020 - 02/2022

- Developed and optimized EVM-compatible smart contracts for DAG-based Lachesis consensus, reducing transaction execution time to ~2 seconds and ensuring high security.
- Engineered gas-efficient DeFi protocols, slashing user fees by 90% compared to Ethereum and driving higher user engagement.
- Designed and deployed proprietary RPC solutions, boosting decentralized app performance and reducing API latency by 40%.
- Implemented secure cross-chain asset bridging solutions between Fantom, Ethereum, and Avalanche, using advanced technologies to enhance transaction confirmation speed by 30%.
- Strengthened middleware infrastructure, increasing node synchronization speed and enhancing network efficiency by 25%.
- Streamlined data indexing and querying using The Graph, improving the dApp data retrieval speed by 50%.

### Liferay

Location

#### Fullstack Developer

08/2017 - 11/2019

- 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%.

## Education

University of California  
Bachelor Of Computer Science

Location  
09/2013 - 05/2017

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

## Skills

Language: JavaScript(ES6+), TypeScript, Solidity, Python, Java, SQL

Frontend: React, React Native, Next.js, Angular, D3.js

Backend: Node.js, Express.js, NestJS, Django, Flask, Spring Boot

Blockchain: Ethereum, Solana, Solidity, Rust, Web3.js, Ethers.js, Wagmi.js, Hardhat

Databases: MongoDB, MySQL, PostgreSQL

DevOps: Docker, Kubernetes, AWS(EC2, S3, RDS, Lambda, Cognito, API Gateway), GCP, GitLab CI/CD, Jenkins, CloudFormation

APIs & Communication: GraphQL, REST APIs, Socket.IO, WebSockets

CI/CD & Testing: CI/CD, Jenkins, GitLab CI/CD, TDD (Test-Driven Development), BDD(Behavior-Driven Development), Mocha, Jest

Architectures & Methodologies:

Microservices, Server-Side Rendering(SSR), Progressive Web Applications(PWA), AI/ML integration, Agile/Scrum methodologies