perfsol

Daniel Blockchain Engineer

Passionate software developer with 7+ years of experience specializing in blockchain technology. Spearheaded the development of blockchain projects in Fintech, Gaming, DeFi/DEX and NFT marketplace using Solidity, Golang, Node and React.js. Also has extensive knowledge of Cosmos SDK and successfully developed a new Layer 1chain. Ready to apply my passion for talented crypto startup projects.

EXPERIENCE

Blocksism
Lead Blockchain & Fullstack Developer

Jan 2022 - Dec 2023

Responsibilities:

- Developed a DeFi/DEX platform with Cross-Chain functionalities using CCIP(Cross-Chain Interoperability Protocol) based on Aave protocol.
- Participated in developing gas-efficient Multi-Chain NFT marketplace and Staking platform, and designed and developed user-friendly and responsive web3 frontend using web3 techniques.
- Designed and implemented real-time event handling structure microservice architecture by using Kafka and RabbitMQ, used Terraform and Ansible for Infrastructure-as-a-Code.
- Participated in developing a DID/SSI Wallet for blockchain identity verification system by utilizing Zero Knowledge Proofs (zkSnark) and developed JavaScript SDK for business customers.
- Worked with diverse Ethereum L2 Rollup Solutions including zkRollup, and Optimistic Rollup, preparing for deployment, operation, debugging, and enhancement activities for efficiency, scalability, and security.
- Took part in developing Account Abstraction wallet and designed Modular Smart Contract Accounts by following ERC-4337, and ERC-6900 standards from Biconomy.
- Effectively managed a distributed scrum team of 3 members using agile techniques, resulting in a 10% increase in user engagement and positive feedback from stakeholders.

SigmaSolve
Web3 developer

Sep 2019 - Jan 2022

Responsibilities:

- Developed and rebuilt 10+ structured and scalable websites for Fintech SaaS Platform and brought remarkable growth in each project.
- Wrote crypto payment gateway system using React.js, Node.js and Microservice Architecture.
- Used Django(python) framework for building the backend of an e-commerce platform.

SKILLS

GoLang, Web3.js, NFTs, DApps, Rust, Solidity, PostgreSQL, React.js, Express.js, Node.js, Kafka, RabbitMQ, Terraform, Python/Django, AWS Lambda, Cypress, Jasmine

LANGUAGES

English (Upper-Intermediate)
Ukrainian (Native)

- Used MySQL and MongoDB for database system.
- Developed Unit, Integration and E2E testing cases using Cypress, Jasmine and Jest ensuring 99% code coverage.
- Used Docker and Kubernetes for Containerization.
- Utilized AWS Lambda, API Gateway, and AWS Cloud Formation to create a cloud-native architecture.

Fractal
Smart Contract Developer

Apr 2017 - Aug 2019

Responsibilities:

- Participated in development of an Ethereum-based Game NFT marketplace project using a range of technologies including Solidity, Web3.js, Ethers.js and Hardhat.
- Effectively utilized IPFS to securely store and distribute immutable data across the network, ensuring the reliability and integrity of the decentralized applications.
- Developed and upheld a widely adopted implementation of the ERC-20, and ERC-721, and ERC-1155 token standards.
- Implemented best industrial practices in gas optimization, resulting in significant cost savings.
- Fixed out possible security vulnerabilities of the NFT smart contracts.

EDUCATION

University of Helsinki
Bachelor's Degree in Computer Science
2012 - 2017