Alex Nam

An Experienced Blockchain & Web Front End Engineer

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Summary

Web2 & Web3 Engineer with a solid background of 9 years. Skilled in creating intuitive and responsive user-friendly interfaces. Proficient in modern web technologies and frameworks with a focus on usability, accessibility and performance. Experienced in integrating frontend applications with blockchain networks and smart contracts. Highly professional blockchain developer with comprehensive accomplishments applying high-security smart contracts to ensure success and achieve goals.

Strong experience in EVM & Solana compatible smart contracts development. Demonstrated success developing and seamlessly executing smart contracts in complex DeFi and DEX structures. Strong problem-solving abilities and a constant drive to stay updated with the latest industry trends and best practices.

Skills

JavaScript (ES6+), Typescript, React.js, Next.js, Vue.js, Redux, MobX, Vuex, TanStack Query, Tailwind CSS, MUI, Chakra UI, Node.js, Blockchain, DeFi, DEXs, Solidity, ERC20, ERC721, ERC4626, Hardhat, Truffle, Subgraph, Foundry, Web3.js, Ethers.js, Wagmi, Viem, Jest, Mocha, Chai, MongoDB, MySQL, MSSQL, PostgreSQL, GraphQL

Education

Bachelor's Degree, Computer Science, The Hong Kong University of Science and Technology, Apr 2010 - Apr 2014

Experience

Front End Engineer

Tectum - London, UK, Dec 2023 - Jul 2024

Skills: Solidity, ERC20, OpenZeppelin, Hardhat, Foundry, Rust, Anchor, React.js, Next.js, TanStack Query, Node.js, Chai, Mocha

- Integrated smart contracts to Next.js UI for admin, client, freelancer logics with EVM & SVM.
- Developed job site like Upwork, Fivrr by using THREE token and other stable coins like USDT, USDC.

Front End Engineer

Midas Capital - Hamburg, Germany, Feb 2021 - Nov 2023

Skills: Solidity, ERC-4626, React.js, Next.js, Chakra UI, TanStack Query, Node.js, Web3.js, Ethers.js, Wagmi, Viem, Blockchain, DeFi (Lending, Yield, Farm), Hardhat, Jest, Mocha

- Implemented responsive and user-friendly web application.
- Integrated with Ethereum blockchain using Ethers.js library enabling interaction with smart contracts, wallet connectivity, and transaction handling.

Back End Developer

Dolomite - Dover, United State, Apr 2019 - Jan 2021

Skills: Node.js, Rust, Solidity, Truffle, Hardhat, Typescript, Blockchain, DeFi (Lending, Yield, Liquid Staking, CDP), DEXs, Web3.js, Ethers.js, ERC20, subgraph, Express, GraphQL, MongoDB

- Developed and deployed custom smart contracts for various DeFi protocols, including lending, borrowing, Liquid Staking and yield farming strategies.

- Implemented ERC-20 and ERC-721 token standards for tokenization and digital asset management.

- Collaborated with cross-functional teams to design and implement decentralized applications (DApps) and user interfaces for decentralized exchanges (DEXs).

- Collaborated with the team to integrate the CDP fork with the Ethereum blockchain, ensuring seamless interaction with smart contracts.

- Successfully deployed the CDP fork to the testnet and mainnet, ensuring smooth functionality and adherence to security protocols.

Full Stack Developer
Kryptos – Stockholm, Sweden, Apr 2017 - Mar 2019

Skills: React.js, Redux, JavaScript, Node.js, Express, Socket.io, GraphQL, MongoDB, MySQL, PostgreSQL, Redis, Jest, Mocha, Chai

- Developed scalable and performant web applications.
- Collaborated with the team to design and implement frontend architecture and application structure.
- Implemented reusable and modular components to ensure code maintainability and facilitate future development.
- Implemented asynchronous operations and handled API calls using Redux middleware.
- Developed and maintained backend services for a high-traffic e-commerce platform, handling over 1 million requests per day.

- Designed and implemented RESTful APIs for various features, including user authentication, product catalog, and order management.

- Implemented real-time communication for chat and notifications features.

Frontend Developer
Morpher - Vienna, Austria, May 2015 - Mar 2017

Skills: HTML, CSS, JavaScript, jQuery, RESTful APIs, UI/UX

- Developed responsive and user-friendly web applications.