SALDIN ILYA

Frontend Web3 Engineer

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SUMMARY

Experienced Frontend Engineer with a deep expertise in Web3, blockchain, and decentralized applications. Proven ability to build scalable and high-performance solutions, optimize development workflows, and lead frontend teams. Strong hands-on experience with JavaScript, TypeScript, React, Vue, Nx Workspaces, Web3, and CI/CD automation. Passionate about clean architecture, maintainable code, and improving developer efficiency.

WORK EXPERIENCE

JavaScript Web3 Engineer, Ditto Network - *2024, contract-based, remote*

Stack: JavaScript, Web3, Account Abstraction, Nx Workspaces

⇢ Architected and developed a modular JavaScript SDK, enabling seamless automation of Web3 operations (account abstraction, swaps, schedulers).

⇢ Led the entire development cycle, from architecture design to implementation, documentation, and CI/CD setup.

⇢ Implemented Nx Workspaces, optimizing package management and cutting down build time by 4x, leading to smoother development and deployment cycles.

⇢ Implemented and maintained Ditto's release system, ensuring smooth updates and version control across projects.

Senior Frontend Developer, TextMagic Inc. - *April/2023 - February/2025 - remote*
The all-in-one solution for all business texting needs - marketing campaigns, two-way SMS chats, reminders, notifications, and internal staff communication.

⇢ Designed and developed the login/registration flow in collaboration with the backend team, including implementation, testing, and documentation.

⇢ Established standardized code quality practices by implementing ESLint/Prettier, reducing PR review time by 10% and improving code consistency.

⇢ Researched, designed, and built a Flow-Survey system, allowing dynamic surveys to be structured as graphs, improving user interaction and data collection efficiency.

- Refactored and optimized key parts of the frontend codebase, reducing technical debt and improving maintainability.
- Improved CI/CD pipelines, leading to faster deployments and better development workflows.

Frontend Web3 Engineer, 1inch Network *- May/2021 - February/2023 - remote*

One of the best DEXes in the Cryptoworld (for that time).

- Led web and mobile wallet projects: PWA and Chrome extension with a shared UI and Web3 library (Nx Workspaces, Angular, GitHub Actions, full CI/CD implementation).
- Refactored and optimized the Angular codebase according to clean code principles, ensuring strong typing for services and configurations.
- Developed and maintained Ethereum JS Providers (EIP-1193) for seamless communication between 1inch Mobile Wallet and dApps inside the Web3 browser and Safari.
- Built a rapid landing page development system using Next.js SSG, reducing page deployment time from 4 hours to 15 minutes, ensuring seamless UI consistency across all products.
- Interacted with smart contracts from the frontend, including reading and debugging Solidity contracts.

Senior Frontend Developer, Tinkoff Bank *- September/2020 - June/2021 - remote*

The best mobile bank in Russia.

- Developed and tested complex forms for the online car insurance system.
- Built new UI components and contributed to the internal UI system library.
- Optimized build scripts and Git commit hooks, achieving a 20% speed improvement in app build time.
- Communicated with the business department to clarify technical requirements and deliver effective solutions.
- Developed backend integrations, ensuring smooth communication between the app and internal back-office applications.

PREVIOUS EXPERIENCES

⇢ **Senior Frontend Developer, ItQuick** - *May/2019 - August/2020* - remote

⇢ **Frontend Engineer, Shakacode** - *June/2017 - November/2017* - remote

⇢ **iOS Developer,** *many companies, 2012 - 2017*

⇢ **Java Developer,** *many companies, 2008 - 2012*

EDUCATION AND CERTIFICATES

2008 **B.Sc. of Information Technologies**, Economic University of Karaganda, Kazakhstan

TECHNICAL SKILLS

Web3 & Blockchain
Web3.js, Ethers.js (v6), Account Abstraction, Smart Contracts (Solidity), MetaMask API

Frontend & Architecture
React, Vue.js, Angular, Next.js, Redux, Vuex, TypeScript, JavaScript, Clean Architecture, Nx Workspaces

DevOps & CI/CD
Node.js, NestJS, Docker, Kubernetes, gRPC, CI/CD (GitHub Actions, GitLab CI), Monorepo, Testing (Jest, Cypress)

LANGUAGES

English - Upper-intermediate

Russian - Native