

Yuriy Korotovskikh

FRONTEND DEVELOPER · WEB3 ENGINEER · FINTECH SPECIALIST

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Summary

Frontend Engineer at Nil Foundation, Ethereum L2 chain. I specialize in building scalable client-side applications, designing dApp interfaces, and developing blockchain tools and SDKs.

Five years of frontend development experience including 3 years in Web3.

Expert in building accessible, user-friendly interfaces with a focus on fast and smooth UX that drives business value.

Skills

Languages	Proficiency - JavaScript, TypeScript, Solidity, HTML, CSS, PHP, Working Knowledge - Go, Elixir, Python
Frontend	Reactjs, Nextjs, Astrojs, Vuejs, Redux, Effectorjs, Zustand, WebWorkers, Storybook, Vite, Rollup, Tailwind, WebAssembly
Web3	Viem, Wagmi, Ethers, Metamask snaps
DevOps	Docker, Ansible, TeamCity, Nix, Github CI
Backend	Nodejs, SQL, REST, JSON-RPC, WebSockets
UX	Interaction design, Figma, Design systems, Prototyping, User research, Accessibility

Work Experience

Nil foundation

Limassol, Cyprus (remote)

FRONTEND DEVELOPER

May. 2022 - Current

Nil Foundation is an Ethereum L2 startup working on Ethereum horizontal scalability.

- Built from scratch and released proof market DEX-like interface (React, Redux, Redux-saga), which is a decentralized exchange of computation powers for proofs generation.
- Built a block explorer for the NIL Layer 2 chain with detailed views for blocks, transactions, and accounts. Designed and optimized the frontend architecture for performance and scalability. Also contributed to the Node.js backend powering the explorer.
- Developed an interactive, sharding-specific smart contract playground for the NIL chain. The tool enables users to write and compile Solidity code, save snippets, deploy contracts, and interact with them — all within a unified interface.
- Built a custom JavaScript SDK for interacting with the Nil blockchain, tailored to support SSZ serialization and Poseidon hashing. This library became the foundation for multiple critical tools, including a CLI, Hardhat plugin, and browser wallet extension.
- Developed and maintained the corporate website using Next.js with a Strapi CMS backend, along with additional marketing pages to support product outreach.
- Created and maintained a reusable React UI component library, adopted across nearly all NIL interfaces to ensure design consistency and development efficiency.
- Built and maintained CI/CD pipelines using Github actions CI, Ansible and Jinja

InfoTeCS JSC

Saint Petersburg, Russia (on-site)

FRONTEND DEVELOPER

Mar. 2021 - May. 2022

InfoTeCS is a cybersecurity company providing a range of secure communication solutions for corporate clients.

- Built Remote Work Management System, a big internal React app, where employees could request remote work, track approval pipelines, and submit daily reports. I created interfaces, pages and forms, worked on performance optimizations and managed API workflows with Redux Saga. I also contributed to backend C# controllers and validations to support frontend logic.
- Contributed to Employee performance evaluation system - a large-scale web application built with ASP.NET and a legacy frontend stack using jQuery and Backbone.js.
- Developed React-based Artifact Management App. This internal tool allowed teams to upload, download, and manage build artifacts across multiple systems. All existing artifacts were aggregated in a dynamic responsive table with server-side sorting and filtering, making it easy for engineers to quickly locate, and interact with the files.
- Led frontend development for a Next.js documentation portal targeting foreign branches, combining static site generation with dynamic internal routing. This portal was a key touchpoint between the company and its foreign customers. One part of the app was public-facing, the other integrated into an internal doc system.
- Maintained React components library and closely collaborated with Design department to ensure consistent implementation of the design system.

Oday Technologies

Moscow, Russia (remote)

FRONTEND DEVELOPER

Sept. 2020 - Mar. 2021

Oday Technologies is a company specializing in the development of automation tools and information security.

- Designed and developed a Vue2 and Vuetify-based monitoring service, integrating interactive Leaflet maps for real-time data visualization and location tracking.
- Worked on big Analytics Reactjs application with Python backend, where I created new UI elements, optimized loading time and implemented advanced search across multiple sources.

Education

KSU(Kurgan State University)

Kurgan, Russia

BACHELOR DEGREE

Sept. 2014 - Aug. 2018

UNECON(Saint Petersburg State University of Economics)

Saint-Petersburg, Russia

MASTERS DEGREE

Sept. 2018 - Jul. 2020