IVAN IVANOV

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EDUCATION

State University of Nizhni Novgorod named after N.I. Lobachevsky (UNN)	Nizhni Novgorod
Bachelor of Fundamental computer science and information technology	*2011 – 2016*

EXPERIENCE

Teamlead, Frontend developer — June 2024 – Present
RucolaTech — *Tbilisi*
React | TypeScript | Jotai | REST API | Docker | CI/CD

Led a frontend team in developing a CRM system for non-profit organizations — a platform that helps automate workflows with beneficiaries, volunteers, and internal processes.

- Improved project build speed and local development, achieving a 50% reduction in build time and sub-100ms hot module replacement by migrating the frontend from Webpack to Vite
- Integrated advanced face recognition technology to enhance user experience, resulting in increased engagement at events
- Pushed major backend architectural changes to boost performance, with API response times reaching a record low of 200ms (previously up to 1200ms), accelerating data delivery to the frontend

Frontend developer — July 2021. – June 2023
Transset — *Nizhni Novgorod*
React | TypeScript | Redux | Mobx | REST API | Jest | Storybook

Developed a low-code platform for fault-tolerant management of infrastructure, hardware, and personnel.

- Improved client-side application performance: reduced load time by 68%, decreased TTI by 450 ms, and reduced unnecessary re-renders by 60%
- Accomplished a 35% reduction in development time for new modules, as measured by sprint statistics, by creating a scalable design system and a unified component library
- Accomplished a 40% reduction in developer onboarding time, as measured by time to productive contribution, by producing architecture documentation and codebase standards

Fullstack developer — September 2020 – July 2021
Cryptoscreener — *Nizhni Novgorod*
JavaScript | Node.js | WebSocket | React | MongoDB

Developed a web application for Binance scalping, featuring a real-time order book visualization and user-configurable trading signals.

- Built from scratch a web application for Binance scalping with order book visualization using Canvas
- Developed a Node.js backend for fetching data from Binance API, processing user-defined signals, and managing orders
- Implemented storage of user signal settings and trade history in a MongoDB database
- Set up WebSocket for real-time streaming of order book and signal data to the frontend
- Designed a user interface with signal configuration, notifications, and actions using React.js
- Optimized Canvas rendering for smooth order book display and handling very large volumes of data
- Scaled the system to support growth of active user base from 1 to approximately 120 concurrent users

TECHNICAL SKILLS

Languages: JavaScript | Typescript | Python | PHP | Rust
Databases: MySQL | MongoDb
State managers: Redux | Mobx | Jotai
Frameworks: React | Node.js | Next.js | Jest | Laravel
Module bundlers: Webpack | Vite