

RASTEN REMIZOV

Senior Software Developer



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PROFILE

Senior Software Developer with 4+ years of production experience delivering scalable SPA and SSR applications using Vue 3, Nuxt 3/4, and TypeScript.

Strong focus on performance optimization, frontend architecture, and UX, with hands-on experience improving Core Web Vitals, bundle size, and state management.

Cross-ecosystem expertise with React, Next.js, Solid.js, Svelte, and many more, enabling effective collaboration, gradual migrations, and informed technology decisions.

Driven by translating product and business requirements into clean, testable, and accessible UI solutions, while contributing to code quality, frontend standards, and long-term technical strategy

PROFESSIONAL EXPERIENCE

ASTRA Consulting [🔗](#), Senior Software Developer

02/2024 – Present | Moscow, Russia

Product and project-based development of a **low-code CMS platform** and multiple applications built on top of it. Worked in an **Agile team of 6 developers**, collaborating closely on architecture, feature design, and delivery. Integrated frontend and backend systems via **REST APIs and WebSockets**.

- **Designed and developed a full-fledged frontend application builder**, including **AST-based application model**, visual editor, bundler, Vue component parser, and runtime renderer for generating applications dynamically
- **Implemented advanced performance optimizations** for the visual editor, including **viewport culling**, **QuadTree-based selection**, and **topological graph sorting for hoisting**, significantly improving responsiveness on large projects
- **Built and maintained a monorepo** for frontend application tooling using **pnpm, Turborepo, TypeScript, Vite, and Changesets**, enabling scalable development and versioning
- **Developed core CMS platform functionality**: data rendering components, authorization, project and entity management, tables, drag-and-drop areas, and **AI-assisted form generation**
- **Created a backend microservice** for building generated frontend applications using **Node.js, NestJS, and TypeScript**, enabling automated compilation and deployment workflows
- **Implemented real-time build status updates** via **WebSockets**, improving transparency and user feedback during application generation
- **Led architectural refactoring initiatives**, including migration to **Feature-Sliced Design (FSD)** and removal of unused dependencies, improving maintainability and long-term scalability
- **Migrated a legacy React application to Vue/Nuxt**, reducing technical debt and unifying the frontend stack
- **Upgraded and migrated npm dependencies**, including major-version upgrades, ensuring platform stability and security
- **Led task estimation and module ownership**, conducted code reviews, and mentored teammates on complex technical challenges
- **Contributed to Open Source**, submitting a fix to **bpmn-js** to unblock product localization

Tech Stack

Nuxt / Vue 3, TypeScript, Vite, TailwindCSS, Pinia, shadcn-vue, REST API, WebSockets, Node.js, NestJS, AST, Babel, pnpm, Turborepo, Agile

HUAWEI [🔗](#), Frontend Developer

11/2020 – 02/2024 | Nizhniy Novgorod, Russia

Product development of a **cloud-based CAD/CAE platform** used for engineering workflows. Worked in an **Agile frontend team of 6 developers**, collaborating via **Jira and Confluence**, and integrating with multiple backend services through **REST APIs**.

- **Led the migration** of a large production frontend from **Vue CLI (Webpack) to Vite**, significantly improving build speed, developer experience, and configuration maintainability
- **Developed complex, high-performance UI components** using **Vue 3, TypeScript, Pinia, and SCSS**, including **virtual scrolling**, **dynamic widgets generated from JSON schemas**, and **role-based authorization**
- **Implemented end-to-end frontend architecture** for core product features such as **project listing, configuration persistence, and settings management**, integrating with multiple backend services via REST APIs

- **Designed and implemented an abstraction layer over Playwright**, enabling engineers to write **E2E tests faster and more consistently**, improving test scalability and maintainability
- **Built and maintained automated testing coverage**, writing **E2E tests with Playwright** and **unit tests with Vitest**, contributing to higher release confidence
- **Collaborated cross-functionally and internationally**, discussing requirements and reviewing code in **English** with distributed teams, including colleagues from China
- **Performed code reviews and task estimation**, contributing to sprint planning, technical decision-making, and frontend quality standards
- **Developed a backend microservice prototype** using **Node.js (Express)** for **JWT-based authentication**, strengthening understanding of full-stack architecture

Tech Stack

Vue 3, TypeScript, Pinia, Vite, SCSS, REST API, Playwright, Vitest, Node.js, Express, JWT, Agile, Jira, Confluence

EDUCATION

State University of Nizhniy Novgorod named after N.I.Lobachevsky [↗](#) Bachelor's degree, Applied Computer Science

09/2019 – 09/2023 | Nizhniy Novgorod, Russia

- Focused on computer science fundamentals and software engineering, with coursework in algorithms, data structures, databases, operating systems, and computer networks
- Gained practical experience developing algorithmic and computationally intensive programs in C# and C++, applying data structures, graph algorithms, and optimization techniques. Additionally, explored modern frontend development, building React applications as part of study work and side projects
- Completed several team projects through GitHub repos, gaining practical experience in building applications from concept to deployment

LANGUAGES

English
C1 IELTS

Russian
Native