

ILIA ISAEV

Senior Frontend Developer

React · TypeScript · SPA Architecture · AI-driven development

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SUMMARY

Senior Frontend Developer with 8+ years of commercial experience building applications with React and TypeScript. Specialise in frontend architecture, implementing complex business logic, and building products from scratch — from architecture design to production launch — as well as evolving large-scale enterprise systems.

Experienced in developing interfaces for data analysis and visualisation, implementing real-time updates using WebSockets, and optimising application performance. Build automated testing solutions using Playwright and Vitest.

Actively use AI development tools, including Claude Code and GitHub Copilot, for development, testing, and code analysis, reducing routine work and accelerating engineering tasks.

TECHNICAL SKILLS

- Core: React, TypeScript, Next.js
- Architecture: Feature-Sliced Design, component-driven UI, unidirectional data flow
- State and data: Effector, Redux Toolkit, React Query, MobX, WebSockets
- UI: shadcn/ui, Mantine, MUI, Ant Design, Tailwind CSS, AG Grid
- Testing: Playwright, Vitest, Cypress, Jest
- Build: Vite, Webpack / Rsbuild
- Backend and platform: Node.js, Koa, Docker, Keycloak, OpenAPI
- AI: Cursor, Claude Code, GitHub Copilot

WORK EXPERIENCE

Senior Frontend Developer

April 2024 – June 2026

Individual Entrepreneur · Tbilisi, Georgia · 2 years 2 months · [balthazar.app](#)

Balthazar is an R&D platform for deep-tech labs to manage experiments, prototypes, and results.

- Designed the frontend architecture and developed the product's frontend from scratch through production launch: a React and TypeScript SPA built using Feature-Sliced Design and Effector.
- Developed interfaces for managing experiments, analysing results, and visualising data using AG Grid, Perspective WASM, and the Canvas API, enabling efficient work with large volumes of experimental data.
- Implemented real-time updates for experimental results and comments using WebSockets, keeping data up to date and enabling collaborative work without page reloads.
- Established an automated testing setup using Playwright and Vitest, and configured Docker-based development and testing environments to ensure reproducible tests and reduce regression risks in both local development and CI.
- Built and maintained an internal UI kit based on shadcn/ui, implementing Figma designs to improve component reusability, UI consistency, and accessibility (a11y).
- Implemented and optimised responsive layouts for tablets, laptops, and widescreen monitors, ensuring correct rendering across different screen sizes.
- Optimised application performance for slow and unstable network connections and low-powered devices by improving rendering, reducing bundle size, and eliminating unnecessary API requests, making the interface more responsive.
- Integrated REST APIs, implemented Keycloak-based authentication, and contributed to defining API contracts using the OpenAPI Specification. Reviewed frontend code before releases, paying particular attention to handling untrusted data and protecting sensitive information in the browser.
- Integrated Claude Code and GitHub Copilot into development, testing, and code review workflows, accelerating task completion and reducing repetitive work.

Senior Frontend Developer

October 2020 – March 2024

Detsky Mir Group · Moscow, Russia · 3 years 5 months · detmir.market

Supplier portal for the leading children's goods retailer in Russia, Kazakhstan, and Belarus.

- Developed and evolved a large-scale React SPA using TypeScript, Redux Toolkit, RTK Query, React Router, and Formik as part of a ten-person frontend team.
- Developed and maintained REST API integrations with RTK Query and Axios.
- Implemented and maintained complex supplier workflows and business logic within a large enterprise portal.
- Built automated end-to-end tests with Cypress and unit and component tests with Jest and React Testing Library.
- Contributed to the development of a Backend-for-Frontend service using Koa.js.
- Maintained and improved GitLab CI/CD pipelines for automated builds and delivery.
- Enhanced the internal MUI-based UI component library with reusable components.

Frontend Developer

December 2017 – September 2020

EPAM Systems, Inc. · Moscow, Russia · 2 years 10 months · www.epam.com

Internal portals for two of Russia's largest banks, Sberbank and VTB.

- Developed and evolved React/TypeScript SPAs for internal banking platforms, using Next.js, Redux, MobX, React Query, and Formik.
- Built reporting and operational charts with Recharts, covering trends, comparisons, and status views used by bank staff.
- Built and maintained REST API integrations with Redux Thunk, Redux Saga, and Axios.
- Collaborated with frontend teams ranging from two to thirty engineers, contributing to technical decisions, frontend architecture, and engineering standards.
- Evolved UI component libraries based on Ant Design and Bootstrap.
- Optimized Webpack configuration to improve frontend build efficiency.
- Mentored junior developers and promoted consistent development practices across teams.

EDUCATION

Applied Mathematics

Peoples' Friendship University of Russia (RUDN) · Moscow, Russia

Incomplete undergraduate studies

LANGUAGES

- Russian: Native
- English: Upper-Intermediate (B2)