

Nikolai Melnichenko

Front-End Developer | React, TypeScript, JavaScript, Next.js, Angular

Lisbon, Portugal | Portuguese residence permit | Open to on-site (Lisbon), hybrid, relocation within the EU or remote B2B
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PROFESSIONAL SUMMARY

Front-End Developer with 5+ years in web development, building reusable, scalable and testable applications with React, TypeScript, JavaScript, Next.js, HTML and CSS. Strong background in shared component libraries and design systems, state management (Redux Toolkit, TanStack Query, MobX), SCSS/BEM architecture and unit testing with Jest/Vitest and React Testing Library. Work daily in Agile teams with Git and CI/CD, and own the release process end to end.

TECHNICAL SKILLS

Core: JavaScript (ES6+), TypeScript, HTML5, CSS3, browser APIs, web performance, Core Web Vitals, SEO

Frameworks: React 18/19, Next.js (SSR/SSG), Angular, RxJS, React Router

State management: Redux Toolkit, TanStack Query, MobX, Context API, custom hooks

Styling & UI: SCSS/Sass, BEM, CSS Modules, Emotion, CSS Grid, Flexbox, responsive and cross-browser layout, design systems, Material UI, Ant Design, Bootstrap, WCAG / a11y, Figma to code

Testing & quality: Jest, Vitest, React Testing Library, MSW, Storybook, ESLint, Prettier, code review

Build & tooling: Vite, Webpack, npm, yarn, Git, GitHub, GitLab CI, CI/CD, Docker

Back-end integration: REST API, OpenAPI, WebSocket (socket.io), Zod, Node.js, Express

Practices: Agile, Scrum, Kanban, Jira, Confluence, release management, mentoring, technical documentation

PROFESSIONAL EXPERIENCE

Front-End Developer

BrainRocket | Lisbon, Portugal (On-site) | June 2024 – Present

Product IT company (1,000+ employees) building high-load consumer web platforms.

- Extended the shared UI component library and the SCSS/BEM style architecture behind it, used across all applications on the platform.
- Shipped country-specific builds into seven regulated markets across Europe, North America, Latin America and Africa, where layout, content and compliance elements differ by jurisdiction.
- Developed features for a React 19 and TypeScript back-office application on top of a generated OpenAPI client with Zod-validated contracts.
- Managed client and server state with TanStack Query, replacing ad-hoc fetching logic and removing duplicate network requests on data-heavy screens.
- Spent over a year on the Angular 20 side of the platform with RxJS and Webpack 5. Worked on and maintained shared libraries across the payments, user account and content domains.
- Expanded automated test coverage with Jest/Vitest, React Testing Library and MSW, and documented components in Storybook.
- Wrote the release, branching and code-style conventions my stream works to. Act as Release Captain with full ownership of the release cycle.

Tech stack: React 18/19, TypeScript, JavaScript, Angular, RxJS, TanStack Query, Zod, SCSS, Jest/Vitest, React Testing Library, MSW, Storybook, OpenAPI, GitLab CI

Front-End Developer

REnumber Lab | Fully remote | November 2023 – June 2024

IT consulting and outsourcing company delivering web products for external clients.

- Led a complete redesign of a marketplace platform with React, Next.js and TypeScript, from front-end architecture through delivery.
- Developed the admin panel and the client-facing front-end for a business SMS messaging product.
- Implemented responsive, cross-browser layouts and accessibility features across the client product line.
- Integrated front-end features with Node.js/Express.js and .NET back ends, refining REST API contracts together with the back-end teams.

Tech stack: JavaScript, TypeScript, React, Next.js, MobX, SCSS, Node.js, Express.js, .NET, REST API, Git

Front-End Developer

NumFin Global | Fully remote | October 2022 – November 2023

Financial analytics product for stock market data.

- Built and optimized React, TypeScript and Next.js applications for a financial analytics product, with Redux and MobX handling application state.
- Built data-heavy dashboards and interactive charts for financial metrics.
- Worked on SEO and Core Web Vitals across the Next.js application, addressing rendering, metadata and page-speed issues.

- Expanded site content coverage by integrating external REST APIs, adding new endpoints and building the data-rendering layer.

Tech stack: JavaScript, TypeScript, React, Next.js, MobX, Redux, REST API, SQL, Git

Front-End Developer (Freelance)

Self-employed | Fully remote | June 2022 – October 2022

- Delivered web projects end to end, from Figma layouts to deployed, responsive cross-browser websites using React, JavaScript, TypeScript, HTML5, SCSS and BEM.
- Built interfaces with Redux for state management and responsive component libraries including Bootstrap, Material UI and Ant Design.

Tech stack: JavaScript, TypeScript, React, Redux, HTML5, CSS3, SCSS, BEM, Bootstrap, Material UI, Ant Design, Git

Python Developer (Freelance)

Self-employed | Fully remote | June 2021 – June 2022

- Built e-commerce functionality with Python and Django, and designed relational database structures with SQL.

Tech stack: Python, Django, REST API, SQL, PostgreSQL, Docker, Git

Petroleum Engineer

Oil and gas companies (various) | Russia | 2016 – 2022

- Delivered the full design, construction and operation cycle for fuel depot sites, coordinating contractors, budgets and regulatory approvals.

EDUCATION

- Master's Degree in Engineering (Oil and Gas Industry), Tyumen State Oil and Gas University, 2016 – 2019
- Bachelor's Degree in Engineering (Oil and Gas Industry), National Mineral Resources University, 2012 – 2016
- Frontend Development professional course, 2022. Completed an intensive program in 5 months instead of the standard 9.
- Python Development and Databases professional courses, 2021 – 2022.

LANGUAGES

English: professional working proficiency, written and spoken | **Russian:** native | **Portuguese:** basic (A2, learning)