

Nikita Karatsev

Frontend-focused Software Engineer: I design architecture, build complex web interfaces, and work with backend and infrastructure when needed.



Location Omsk, Russia

Date of birth February 27, 1999 (27 years old)

Employment Full-time or part-time

Work format Remote or hybrid; open to office-based offers

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Website notapattern.ru

Contacts

[GitVerse \(gitverse.ru/notapattern\)](https://gitverse.ru/notapattern) [GitHub \(github.com/NotAPattern\)](https://github.com/NotAPattern) [Telegram \(t.me/notapattern\)](https://t.me/notapattern) [Blog \(t.me/notapatternblog\)](https://t.me/notapatternblog) [Research profile \(ОФ ИМ СО РАН\)](#)

Skills

Programming languages: TypeScript JavaScript Rust

Frontend: React Redux RTK Query Vue Nuxt Pinia TanStack Table Tailwind CSS CSS Modules Vite Storybook Vitest Dexie Astro SolidJS

Backend: NestJS PostgreSQL Redis TypeORM Jest OAuth S3 ЮKassa Axum

Infrastructure: Docker CI/CD Nginx Kubernetes Helm SSH

Other: Feature-Sliced Design (FSD) Webpack

Work experience

Total experience: 4 years 1 month

Web Developer, Technical Team Lead

Company Elecode

Project [Edbee \(https://edbee.ru\)](https://edbee.ru)

Employment period December 2022 — April 2026

Work format Contract, Remote

Development of the Edbee LMS and its on-premise edition in a three-person team. The on-premise edition was actively developed throughout 2025–2026.

Key responsibilities and results

- Architecture design, task decomposition, frontend/backend contract alignment, and code reviews.
- Development of on-premise features including detailed learner analytics, Excel export, groups, agency portals, bulk invitations, and CSS tokens for theming.
- Major frontend refactoring: dependency upgrades, migration from Webpack to Vite and from ESLint to Oxcnlint, and partial migration of tables to TanStack Table.
- Asynchronous locale dictionary loading and initial extraction of shared components into a Storybook-based UI kit.
- CI/CD setup for frontend and backend repositories in GitLab and subsequent migration to GitVerse: checks, build, semantic release, and automated deployment in about four minutes.
- System deployment to two production servers using Nginx and Docker Compose, plus containerization and handover documentation preparation.

- Jitsi/Jibri infrastructure evolution from bare metal and Docker to Kubernetes/Helm with on-demand recording pods, S3 uploads, and backend metadata delivery.
- Webinar analytics covering attendance and speaking time per participant.
- Use of Feature-Sliced Design for new pages and gradual migration of the project to FSD.

Technologies: TypeScript React CSS Modules TanStack Table Vite NestJS PostgreSQL TypeORM Redis S3 Docker Nginx Kubernetes Helm Jitsi Jibri

Web Developer

Company ООО «Адепт» (<https://gk-adept.ru/>)

Project Адепт: Исполнительная документация (https://gk-adept.ru/programmy/adept_ispolnitelnaya_dokumentaciya/#function)

Employment period January 2024 — August 2025

Work format Employment, Remote

Frontend development of a construction document management system built with React and an internal wrapper around TanStack Table.

Key responsibilities and results

- Webpack development-mode optimization and selective loading of a large monolith's sections for stable local development, reducing memory consumption in development mode by approximately 40%.
- Development of components and utilities for the UI kit.
- Contribution to backend task delivery during periods of heavy workload for backend developers.
- Development of a script that synchronized Yandex Tracker tasks with Google Sheets to present project progress.

Technologies: TypeScript React Redux TanStack Table Webpack Google Apps Script

Web Developer

Company ООО «Кронмедиа» (<https://vk.ru/cron.design>)

Project TRNR (<https://trnr.ru/>), [Staffscan](https://staffscan.ru/) (<https://staffscan.ru/>)

Employment period April 2022 — December 2022

Work format Employment, On-site

Frontend development of the TRNR fitness app and interfaces for an employee screening service.

Key responsibilities and results

- Frontend architecture design, library selection, and decomposition of Figma designs into React components. Work in a two-week sprint format.
- Development of an A4 PDF report template with paged.js and email templates.
- Active use of TypeScript throughout the project.
- Development of approximately 81% of the project — 61,661 lines of code, measured with `git summary --line`.
- Staffscan Lighthouse results: Performance 95, Accessibility 91, Best Practices 100, and SEO 100; successful W3 validation.

Technologies: TypeScript React HTML CSS BEM paged.js

Projects

• **Todomove** (<https://todomove.ru>)

An offline-first PWA for task management, time tracking, and planning a productive work rhythm.

- Development of a Nuxt 4 and Vue 3 PWA for tasks, projects, and time tracking with Russian and English localization.
- Frontend architecture design with Feature-Sliced Design and local data storage using Dexie/IndexedDB.
- Implementation of typed HTTP clients, optimistic updates, background synchronization, and SSE updates with a Rust/Axum API.
- API performance: p99 below 50 ms for small requests and below 100 ms for synchronization requests.

Technologies: TypeScript Nuxt Vue Nuxt UI Tailwind CSS Pinia Pinia Colada Dexie IndexedDB Valibot
Feature-Sliced Design (FSD) PWA SSE Rust Axum

Education

PhD studies

Omsk Branch of the Sobolev Institute of Mathematics

Department Laboratory of Combinatorial and Computational Methods of Algebra and Logic

Field of study Mathematical logic, algebra, number theory, and discrete mathematics

Study start September 2024

Study end August 2028

Master's degree

Dostoevsky Omsk State University

Department Faculty of Digital Technologies and Cybersecurity

Field of study Applied Mathematics and Computer Science

Study start September 2021

Study end August 2024

Bachelor's degree

Dostoevsky Omsk State University

Department Faculty of Computer Science

Field of study Mathematics and Computer Science

Study start September 2017

Study end August 2021

Scientific publications

1. **Полиномиальная эквивалентность двух моделей вычислений в алгебраических системах** (https://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=pdm&paperid=907&option_lang=rus).

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Journal Прикладная дискретная математика

Year 2026

Issue 72

Pages 103–116

Additional activities

- Lead organizer of the Student IT Club (https://vk.com/student_it).
- Go track host at DevFest (<https://t.me/notapatternblog/7>).
- Product manager of the Robot Cleaner team, winner of the 2022 Student IT Lab (https://vk.com/studentlabs?w=wall-205076048_227).
- Frontend mentor for the Pet Seeker team at the 2024 Student IT Lab (https://vk.com/wall-205076048_583).
- Interests: running (I participate in SIM — Siberian International Marathon), music, fiction, pet projects, mathematics, meditation, and breathing exercises.

Resume updated August 9, 2026

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