

MURAD ADIGOZALOV

Senior Frontend Engineer | React · Next.js · TypeScript

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Open to: Remote (Global) | Relocation (Poland, Belarus) | On-site (Azerbaijan)

SUMMARY

Senior Frontend Engineer with 7+ years of experience architecting, optimizing, and delivering high-performance web applications and scalable platforms across E-commerce, Mobility, Real Estate, and Digital Media. Proven track record driving business outcomes through engineering excellence: lifted booking conversions by ~12%, cut customer support inquiries by ~32%, accelerated corporate delivery cycles by 2.5x, and boosted Google PageSpeed scores from 57 to 92. Expert in modern React/Next.js architectures (App Router, Server Actions, SSR), resilient state machines, full-lifecycle payment systems (Stripe webhooks/idempotency), automated testing (Vitest, RTL), and high-efficiency CSS/JS performance optimization.

PROFESSIONAL EXPERIENCE

Oweb Solutions — Remote

Senior Frontend Engineer / Frontend Lead — Feb 2020 – Mar 2025

Digital product agency delivering high-load e-commerce platforms, marketplaces, and enterprise web solutions.

- **Web Performance Optimization & Technical SEO:** Slashed page load bottlenecks and improved search discovery across commercial platforms; raised Google PageSpeed from 57 to 92 (Desktop) for a high-volume retail platform by purging 4,000+ lines of redundant CSS, implementing conditional script loading, and native lazy loading. Propelled the platform to Top-5 search rankings in Moscow via semantic HTML, Schema.org microdata, and dynamic breadcrumbs. Cut asset overhead by authoring zero-dependency DOM micro-animations via Element.prototype (requestAnimationFrame), saving ~70–80 KB (~25–30 KB gzip) per page load by replacing legacy library overhead.
- **Architecture Modernization & Accelerated Time-to-Market:** Accelerated engineering delivery velocity by up to 2.5x and eliminated legacy technical debt; engineered a 14-page flagship brand platform (15 responsive breakpoints, 8 synchronized Swiper carousels, SVG map) in 1 month (vs. 2–3 months industry baseline). Built a lightweight ~300-LOC full-page scrolling engine in vanilla JS from scratch to eliminate licensing costs and third-party dependencies, structuring frontend classes into 2 reusable templates that reduced backend integration from 10+ pages to 1 month. Directed migrations of monolithic legacy systems (PHP 5.6) to modern modular React + Vite + Redux architectures with typed OpenAPI/Swagger contracts, and prototyped production-ready React configurators in 24 hours.
- **Transactional UX, Conversion Rate & Revenue Protection:** Protected enterprise client contracts and scaled core user funnels across rental and e-commerce platforms; re-engineered a vacation rental booking interface down to 320px responsiveness, lifting booking conversions by ~12% and slashing checkout completion time by ~30% (verified via Yandex Metrica). Architected intuitive spatial filtering by integrating Yandex Maps API with interactive property markers (50+ listings), eliminating 2 navigation steps between catalog and map. Delivered full-stack e-commerce interfaces (storefront and admin) from Figma to production in 4 months, driving ~20% growth in site traffic and user engagement through interactive drag-and-drop comparison modules optimized with pure CSS alignment to eliminate JS runtime overhead.
- **Complex UI State, Cross-Platform Readiness & Quality:** Reduced customer service ticket volume by ~32% on a high-growth mobility platform by designing intuitive React flows for subscriptions, discount schemes, and loyalty point redemptions, specifically optimizing viewport constraints (<768px) for seamless React Native parity. Eliminated critical UI race conditions between timed video playback, tab switching, and CSS animations through deterministic state-reset architecture. Mentored junior engineers, established reusable component design tokens, and enforced strict Git-flow and Docker testing pipelines, identifying and resolving 20+ script and styling merge conflicts prior to production deployment.

Freelance — Remote

Frontend Developer — Jan 2018 – Feb 2020

Commercial web engineering across e-commerce, local businesses, and interactive client services.

- Engineered responsive, mobile-first web applications using JavaScript (ES6+), TypeScript, React, HTML5, and SCSS, delivering cross-browser consistency across Chrome, Firefox, and Safari.
- Built geolocation-based nearest-vehicle discovery tools leveraging the Yandex Maps API and integrated complex client-side interfaces with backend RESTful APIs.
- Maintained and stabilized legacy production codebases, resolving UI defects, accelerating interactive rendering, and improving end-user usability.

FEATURED FULL-STACK & R&D PROJECTS

BookNest — Full-Stack Bookstore with Resilient Payment Architecture — [Live App](#) • [GitHub Code](#)

Tech Stack: Next.js 16, React 19, TypeScript, Prisma 7, PostgreSQL, Supabase, Auth.js, Stripe, TanStack Query, Redux Toolkit, Vitest, RTL, GitHub Actions, Docker Compose

- Architected an enterprise-grade full-stack e-commerce platform with full Stripe lifecycle management: Checkout sessions, retry handlers, admin refunds, and signature-verified idempotent webhook endpoints with race-condition prevention.
- Established an automated test suite comprising 24 unit and component integration tests (Vitest, React Testing Library); built a GitHub Actions CI pipeline integrated with Vercel Deployment Checks to enforce zero-defect production releases.
- Engineered a design-token UI system with persistent light/dark themes and multi-tier state architecture combining TanStack Query for server caching with Redux Toolkit for client-side state.

Used Cars Marketplace — Full-Stack Marketplace Platform — [Live App](#) • [GitHub Code](#)

Tech Stack: Next.js App Router, React, TypeScript, PostgreSQL, Supabase, Auth.js, Tailwind CSS

- Implemented role-based server-side authorization, administrative CRUD, and persistent server-side cart with checkout workflows using Next.js App Router.
- Built URL-driven catalog filtering and multi-parameter sorting with shareable deep-links and persistent state across page reloads.

Car Marketplace UI System — Component Architecture & State Management — [Live App](#) • [GitHub Code](#)

Tech Stack: React, TypeScript, Redux Toolkit, React Router, Vite, Axios, LocalStorage

- Built a modular React/TypeScript client featuring deep catalog filtering via REST API parameters, async data fetching (createAsyncThunk), and LocalStorage-persisted cart, favorites, and order history.

TECHNICAL SKILLS

- **Languages & Core:** TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, CSS Modules, Tailwind CSS, SQL
- **Frontend Frameworks & Architecture:** React (18/19), Next.js (App Router, Server Components, Server Actions, SSR), Vite, Single Page Applications (SPA), Micro-Frontends Concept, Component-Driven Design
- **State Management & Data Fetching:** Redux Toolkit, TanStack Query (React Query), Context API, Axios, REST APIs, OpenAPI/Swagger
- **UI Engineering & Animations:** Radix UI, shadcn/ui, React Hook Form, Zod, Ant Design, Swiper API, Yandex Maps API, CSS Animations, Canvas/SVG
- **Full-Stack & Backend Integration:** Prisma ORM, PostgreSQL, Supabase (DB & Storage), Auth.js (NextAuth), Stripe (API, Webhooks, Idempotency)
- **Testing & Quality Assurance:** Vitest, Jest, React Testing Library, Unit Testing, Integration Testing, Cross-Browser Compatibility (Blink, WebKit, Gecko)
- **DevOps, Tooling & Workflows:** Figma, Git, GitHub Actions (CI/CD), Docker, Vercel, npm, ESLint, Prettier, Claude Code (AI-assisted engineering)
- **Performance, SEO & Accessibility:** Google PageSpeed Optimization, Web Vitals, Bundle Size Reduction, Semantic HTML, Technical SEO (Schema.org), WCAG
- **Spoken Languages:** English (B1 — reads and writes technical documentation fluently), Azerbaijani (Native), Russian (Native)

EDUCATION

Kaliningrad State Technical University

Specialist Degree in Finance and Credit — 2010 — 2016