Artem Bykov *Frontend-developer*

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in https://www.linkedin.com/in/артем-быков-054449224

🔗 Website-portfolio
https://artembykovportfolio.vercel.app/

✈ @ArtemMentavr

🧠 Skills

TypeScript, JavaScript, Next.js, Redux Toolkit, React, React Router, WebSocket, HTML, CSS, TailwindCSS, Jest, SCSS, REST API, Storybook, React Query

🪪 Profile

Frontend Developer with experience in building web applications and interfaces for startups and corporate projects. Contributed to the development of e-commerce stores, analytical dashboards, and Telegram bots. Engaged in API integration, UX/UI optimization, and the creation of reusable components using a UI Kit.

🏠 Organisations

09/2023 – 12/2025
Tula, Russia

ReLabs, *Frontend-developer*
A company that develops software and hardware solutions for real business challenges, supporting projects at every stage — from requirements analysis to implementation.

07/2022 – 08/2023
Helsinki, Finland

Climbing company, *Frontend-developer*
Climbing Company is a startup that unites the climbing community and provides digital tools for training, communication, and gear shopping. The company's mission is to make climbing accessible, safe, and engaging for all skill levels through modern technology.

📁 Projects

Concierge (Telegram-bot), *Relabs*
Tracking, statistics, and analytics of advertising placed on Telegram channels @ConciergeTGBot

- I completely overhauled the code and became the lead developer. As a result, code maintainability improved by 50%, and it became easier for new team members to integrate.
- I created an intuitive interface with user-friendly navigation and favorites. Users now spend half as much time finding the advertising campaigns they need.
- I developed an analytics system with various filters, a calendar, and charts. Clients can independently track trends and optimize their advertising spending.
- I set up seamless backend integration. Statistics now update in real time, and key metrics (e.g., total revenue) are calculated automatically. This eliminates errors from manual input and saves up to 10 working hours per week.

Tech Stack: React, React Router, TypeScript, HTML, CSS, React Hook Form, React Query, TailwindCSS, Radix UI, React Router, Redux Toolkit

UI Kit & Components, *Relabs*
A UI Kit that will be used by the company itself in future projects

- Actively contributed to the creation and maintenance of a shared UI component library (UI Kit). This helped standardize the design across all company projects and save development time by reusing ready-made solutions.
- Was responsible for creating and documenting components in Storybook, which streamlined collaboration between developers and designers.
- Developed adaptive and type-safe React components (using TypeScript) that complied with the library's design system. This increased the reliability of interfaces across all company products.

Tech Stack: React, TypeScript, Storybook, CSS, TailwindCSS, Radix UI.

Relabs, *Relabs*
Company main website, updates and redesign

- I rebuilt and assembled the core components of the corporate website using Next.js 14. I developed responsive interfaces and interactive animations (Framer Motion). Collaborating with the team, we enhanced the site's usability and strengthened brand recognition.
- I designed and integrated modules for an interactive portfolio (project catalogs, sliders). This became the standout feature of the new website. As a result, our team was able to showcase 20+ completed projects, making it easier for clients to evaluate our expertise.
- I contributed to improving the site's performance by working with SSR and image optimization in Next.js. The team achieved an approximate 30% faster load time for key pages and improved technical metrics (Lighthouse Performance). This had a positive impact on SEO.

Tech Stack: Next.js 14 (App Router), TypeScript, Redux Toolkit, HTML, CSS, React Hook Form, Framer Motion.

Agricultural Unitary Cooperative Enterprise "Krupec", *Relabs*
Agricultural Unitary Cooperative Enterprise "Krupec" – Internal company website, monitoring of surveillance cameras, keeping statistics, and tracking cow feeding

- Improved core processes at the agricultural enterprise: created an interactive map with various tools (filters, quick-action buttons). As a result, the interface became more responsive, routine operations now take less time, and overall usability has improved.
- Enhanced the reliability and accuracy of data in the monitoring system: fixed critical bugs in statistics and filters. Management now makes decisions based on accurate information.
- Automated document workflows: implemented a module with electronic signatures on Canvas. There is no longer a need to sign reports by hand, and they are now approved more quickly.

Tech Stack: React, React Router, JavaScript, Redux Toolkit, HTML, CSS, Canvas.

Kremi, *Relabs*
Online ice cream machine store

- Ensured the website works flawlessly on all devices, including the checkout process. Purchases can now be conveniently made on 98% of mobile phones and computers.
- Implemented a sophisticated video player with custom features to showcase customer reviews. As a result, interest in products increased.
- Built a user-friendly product selection slider with image browsing. This simplified the choice process, especially when dealing with a large number of products, thereby enhancing the site's overall usability and quality.

Tech Stack: React, TypeScript, HTML, CSS, React Hook Form

FoodTruck, *Relabs*
Platform for renting spaces to mobile food vendors

- Created core user forms (registration, rental management). Applications are now completed 25% faster.
- Established efficient communication between the server and the application via API using RTK Query. As a result, the interface responds 15% faster due to improved caching and fewer network requests.
- Ensured product stability by fixing over 50 critical and minor bugs during development and testing. Consequently, errors now occur in less than 5% of usage cases.

Tech Stack: React, React Router, TypeScript, Redux Toolkit, HTML, CSS, React Hook Form.

Anjerie, *Relabs*
Online jewelry store

- Implemented a clear and secure payment system on the website with validation for all forms. The key focus was on ensuring complete reliability so customers could shop with confidence.
- Developed core UI components for a jewelry brand's website. For instance, added a striking hero section with a background video to ensure immediate brand recall and full alignment with the brand's style.

Tech Stack: Next.js 14 (App Router), TypeScript, Redux Toolkit, HTML, CSS, React Hook Form, Zod.

Minerals, *Relabs*
Online store of stones and minerals «Minerals on Mokhovaya» (mineral-sgm.ru ⌗)

- Created the website development plan, breaking it down into clear modules and establishing a development timeline with deadlines as the lead developer.
- Implemented a secure registration system, including OAuth 2.0, to make it easy for new customers to sign up while keeping their data safe. This also lays the groundwork for future CRM integration.
- Integrated a user-friendly shopping cart and order management system. This simplifies the checkout process for customers, reducing cart abandonment. It also enables flexible order composition, which increases the average order value.
- Embedded Yandex Maps, which builds trust by displaying the exact location of the museum-store and directly encourages in-store purchases.

Tech Stack: Next.js 14 (App Router), TypeScript, HTML, CSS, React Hook Form, Radix UI, Redux Toolkit.

Support and Bug Fixes, *Relabs*
- The company regularly conducted code reviews where we openly discussed task solutions. This helped us better understand each other and grow as developers.
- We maintained a consistent standard of code quality. Code reviews evolved beyond mere checks into opportunities for learning and strengthening team spirit.

Participation in Code Review, *Relabs*
- Regular code reviews as a tool for team growth: we focused on readability, maintainability, and knowledge sharing, which boosted the team's overall expertise and cohesion.
- Culture of continuous learning: we held internal technical presentations and discussions, ensuring our technology stack remained up-to-date and helping us make well-founded architectural decisions.

PeakConnect, *Climbing company*
Social app for climbers

- Built a registration and profile system for climbers to connect with each other. This serves as the foundation for the entire website.
- Implemented a real-time chat using WebSocket, enabling users to quickly message each other and coordinate training sessions and climbs.
- Created a partner rating system to encourage more interaction and build trust within the community. This helped revitalize the platform's user base.
- Ensured cross-device and cross-browser compatibility to provide a consistent and positive user experience for everyone.

Tech Stack: React, TypeScript, HTML, CSS, WebSocket, React Hook Form, Redux Toolkit, Sass.

ClimbBoard, *Climbing company*
Internal platform for training and statistics

- Developed a personal dashboard for athletes with progress charts, making it easier for them to track their workouts and stay motivated.
- Integrated the system with fitness trackers via API, enabling automatic workout data import and eliminating the need for manual entry.
- Created a shared calendar for events and competitions, allowing athletes to better plan their training sessions and tournament participation.
- Improved dashboard performance by optimizing page load speeds and implementing data caching.

Tech Stack: React, TypeScript, HTML, CSS, WebSocket, React Hook Form, Redux Toolkit, Sass.

RockShop, *Climbing company*
Gear sales module

- Created a user-friendly product catalog with search functionality, enabling customers to find what they need faster. This reduced search time by 30%.

- Configured a secure checkout system. Payments are now processed smoothly and reliably.
- Designed and implemented a streamlined checkout form. As a result, cart abandonment decreased and conversion rates increased.
- Integrated a product review and rating system. This built greater trust in the products, leading to a rise in sales.

Tech Stack: React, TypeScript, HTML, CSS, WebSocket, React Hook Form, Redux Toolkit, Sass.

🌐 Languages

English
B1

🎓 Education

Gomel State Technical University named after P.O. Sukhoi. 🔗
2011 – 2016 | Gomel, Belarus