

Evgenii Kozhushko | WEB DEVELOPER

Full-Stack Developer specializing in secure MERN/Next.js applications with complex authorization, real-time functionality, and user-centric design. Experienced in both SaaS platform development and custom web solutions for diverse industries.

SOFTWARE DEVELOPER - Beta Board · Startup 2024-Present · betaboard.ca

Beta Board is a climbing route-management platform built for climbing gyms, enabling managers to plan, schedule, and track routes through a clear, user-friendly interface.

- **Architected** multi-tenant RBAC system with granular, resource-level permissions enforcing role-based access (owner, admin) across all data operations.
- **Engineered** centralized Auth Helpers (e.g., `isAdminOrOwner`) within the data-access layer to enforce role-based checks before database operations, securing resource access and centralizing logic for maintainability.
- **Developed** the core Route Management Module, enabling users to create, edit, and assign routes with drag-and-drop simplicity via a user-centric interface.
- **Streamlined administration** by implementing an automated calendar system that prevents scheduling conflicts, instantly publishes route changes, and provides real-time push notifications, reducing team admin time to minutes.
- **Optimized application performance** by integrating React Query for client-side data fetching and caching, alongside a robust error strategy that ensures consistent messaging from the data-access layer to the UI.
- **Ensured data integrity** for complex operations by implementing MongoDB transactions for multi-step resource deletions, guaranteeing rollback of related resources (Routes, Features, Sections) on failure.

SOFTWARE DEVELOPER - Beta Comp · Startup 2025-Present · betacomp.ca

Beta Comp is a competition management platform for climbing events, giving organizers a clean dashboard to create events, manage registrations, and run role-based workflows for admins, athletes, and officials.

- **Designed a full-stack auth + RBAC system** combining Google OAuth and email/password with JWT (HTTP-only cookies), enforcing a 4-level role model for fine-grained access to events, registrations, and facilities.
- **Centralized authorization checks** with helpers (e.g., `requireOwnerOrAdmin`, `canRegisterForEvent`) in the API/data layer to validate roles before DB actions, hardening endpoints and keeping permission logic maintainable.
- **Built the Event Management feature set**—create, update, and remove events with facility selection, scheduling, and capacity limits—plus a streamlined athlete registration flow.
- **Reduced admin overhead** via capacity-aware sign-ups with automatic waitlists, role-aware dashboard shortcuts, and reconciliation utilities to keep registration counts accurate with minimal manual work.
- **Improved perceived speed and reliability** by adopting TanStack Query for client fetch/caching and implementing a consistent server-to-UI error pattern across protected routes.
- **Protected data integrity** using Mongoose transactions and reconciliation jobs to ensure atomic rollbacks during multi-step operations (e.g., event deletion cascading through related registrations).

FREELANCE WEB DEVELOPER - Studio 587 · 2019 – Present

I own the full web lifecycle—strategy, UX/UI design, development, launch, and maintenance to deliver modern, maintainable sites that look sharp and convert. My builds emphasize core web vitals, accessibility, and clean CMS models team can update without friction. After launch, maintenance plans (backups, updates, audits) preserve speed, reliability, and search visibility over time.

- **Summit Custom Conversions** — summitcustomconversions.ca
Built a visually engaging website and cohesive brand identity to showcase craftsmanship, Delivered new website that contributed to 40% increase in online inquiries within 3 months
- **Bow Valley Climbing Access Society (BVCAS)** — bvcas.ca
Delivered an intuitive, mobile-first site with unified messaging to strengthen outreach, deepen volunteer engagement, and support community partnerships.
- **Canmore Indoor Climbing Society (CICS)** — canmorecics.net
Designed a website and brand identity that empowered the youth climbing program, Launched platform supporting 150+ active members, 30% growth YoY.
- **Shovels Up** — shovelsup.ca
Drove more inbound leads by launching a responsive site with clear, above-the-fold CTAs, click-to-call, and simplified inquiry flows—cutting back-and-forth and making it effortless to contact the business.
- **Clearwater Paddleboards** — clearwaterpaddleboards.ca
Established a strong online presence with a full brand identity and responsive showcase website or handcrafted paddleboards.

CONTACT

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[GitHub](#)

[LinkedIn](#)

[Instagram](#)

[X](#)

SKILLS

Languages:

JavaScript (Expert), HTML5, CSS3

Frontend:

React.js, Next.js, Tailwind CSS, Shadcn

Backend:

Node.js, Express, MongoDB, Mongoose

Auth & Security:

JWT, OAuth 2.0, RBAC, HTTP-only cookies

State Management:

TanStack Query, React Query

Design:

Figma, Adobe Creative Suite

DevOps:

Git, GitHub Actions, Vercel, Netlify

Testing:

Jest

EDUCATION

ComIT

2025 - Present
MERN Stack

Scrimba

2024 - 2025
ReactJS

100devs Agency

2022 - 2023
Full-stack Software Developer
Los Angeles, CA

Mohawk College

2008 - 2010
Diploma: Visual Arts
Hamilton, ON, Canada