

Evgenii Kozhushko

FULL-STACK WEB DEVELOPER | kozhuskoevgenii@gmail.com | +1 (403) 431 1336 | evgenii.ca | [GitHub](#) | [LinkedIn](#)

SKILLS

Languages & Frameworks: JavaScript, React.js, Next.js, Node.js, Express

Databases & State: MongoDB, Mongoose, TanStack Query

Styling & Design: Tailwind CSS, Shadcn, Figma, Adobe

Auth & Security: JWT, OAuth 2.0, RBAC

DevOps & Tools: Git, Vercel, Render, Netlify, Jest

WEB DEVELOPER / DESIGNER - Freelance designer & web developer · 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 12 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 and developed 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 85% inbound leads by launching a website with simplified inquiry flows, cutting back-and-forth and making it effortless to contact the business and purchase wide range of services.
- **Clearwater Paddleboards** — clearwaterpaddleboards.ca
Established a strong online presence with a full brand identity and responsive website that resulted in two year booking for handcrafted paddleboards.

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

- **Complex Data Architecture:** Built a hierarchical system (Gym → Zones → Sections → Features → Routes) with MongoDB, supporting route versioning, multiple grading systems (YDS, V-scale, French), and real-time analytics.
- **Advanced Route Management:** Implemented route organization, route versioning system, and interactive grade distribution charts with React Query for real-time data synchronization.
- **Sophisticated Permission System:** Created role-based access control (Owner, Admin, Senior, Member, Guest) with resource-specific permissions, allowing users different roles across multiple gyms.
- **Modern Tech Stack:** Used Next.js 15 + React 19 + TypeScript, with Radix UI components, TanStack Query for state management, and MongoDB transactions for data integrity.
- **Production-Ready Features:** Implemented form validation with Zod + React Hook Form, comprehensive error handling, responsive design, dark/light themes, and ACID-compliant database operations with proper rollback mechanisms

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 and 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.
- **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).

VOLUNTEERING Teaching Assistant - MERN Stack Program - ComIT · Nonprofit Programs · 2025 - Present · comit.org

Teaching Assistant role following successful completion of ComIT's MERN stack development program.

Mentor students in full-stack JavaScript technologies (MongoDB, Express.js, React, Node.js), conduct code reviews, and provide technical guidance to support student success in building modern web applications.