

Evgenii Kozhushko | WEB DEVELOPER

Full-Stack Web Developer with expertise in the **MERN/Next.js** stack, specializing in designing and deploying scalable, secure applications. Proven ability to architect robust back-end systems and implement user-centric interfaces using modern frameworks like **React/Next.js** and **Tailwind CSS/Shadcn UI**.

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** a secure, multi-tenant Authorization and Permissions layer using 'Permission' documents to enforce granular, resource-specific roles (e.g., owner, admin) and data access control.
- **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 (Owner, Admin, Athlete, Official) 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 - 587 Labs · 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 teams 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, helping increase brand visibility and vehicle sales.
- **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, increasing membership and community participation.
- **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

Frontend:

JavaScript, React.js, Next.js

Backend:

Node.js, Express, MongoDB, Appwrite

Design Tools:

Figma, Adobe Suite, Tailwind CSS

DevOps/Tools:

Git, CI/CD, Web Accessibility

EDUCATION

ComIT

2025 - 2025
MERN Stack

Scrimba

2024 - 2025
ReactJS

100devs Agency

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

Mohawk Collage

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