

OWEN BROWN

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EDUCATION

University of Victoria

Bachelor of Software Engineering (BSEng)

Victoria, BC

September 2023 - April 2028 (Expected)

EXPERIENCE

OBdesign

Founder & Web Developer

Victoria, BC

June 2025 - Present

- Designed, developed, and deployed 10+ client websites across construction, wellness, fitness, food service, and retail, generating \$20,000+ in revenue — owning discovery, proposals, deployment, and post-launch support
- Built production sites in Next.js, React, TypeScript, and Tailwind CSS with a git-based CMS for client self-editing
- Managed the full delivery pipeline: Vercel deployments, DNS migrations, SEO and structured data, analytics, and image-optimization workflows across a multi-client hosting setup
- Automated client acquisition with a Python lead-generation pipeline (business scraping, website auditing, email validation) that sources and qualifies local prospects and drives the studio's cold-outreach engine

Scholars Edge Painting

Business Operator

Salt Spring Island & Victoria, BC

December 2023 - September 2024

- Built and operated a service business generating \$80,000+ in revenue, managing client acquisition, scheduling, hiring, and end-to-end service delivery
- Recruited, trained, and supervised a team of four employees while overseeing 20+ residential and commercial projects

PROJECTS

Grain

Founder & Developer

Victoria, BC

January 2026 - Present

- Built a full-stack iOS social photography app in React Native and Expo using Supabase, implementing anonymous authentication, QR-based invites, real-time synchronization, and cloud photo storage
- Engineered a custom GPU-based film simulation shader using React Native Skia and SkSL to recreate disposable camera aesthetics through dynamic tone mapping, grain, halation, and color grading
- Designed and deployed the complete product architecture as a solo developer, including camera integration, asynchronous upload pipelines, Apple Photos integration, and cross-device photo reveal workflows

Aperture AI

Team Developer

Victoria, BC

May 2025 - December 2025

- Developed cross-platform React Native (Expo) frontend features for an AI-powered photography assistant integrating the OpenAI API and Supabase backend services
- Implemented authentication flows, asynchronous API requests, caching behavior, and onboarding/settings UI components
- Collaborated within a 5-person startup team to prototype and iterate on a functional early-stage mobile application

TECHNICAL SKILLS

Languages: TypeScript, Python, Java, JavaScript, SQL | **Frameworks:** React, Next.js, React Native, Tailwind CSS, Node.js | **Tools:** Git, Supabase, Cloudflare, Vercel | **Concepts:** Object-Oriented Design, Data Structures & Algorithms, Software Testing, Agile Development