Alex Spezowka

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WORK EXPERIENCE

Lagomorph Labs   **Sep. 2024 – Present**
Director   *Calgary AB*
- Independent technology consultancy serving clients from AI startups to established organizations requiring full-stack development and infrastructure architecture.
- Lead Developer for Owsla.io - AI-powered learning management system implementing bleeding-edge agent frameworks with serverless PostgreSQL infrastructure serving global users.
  - **Stack:** React, TypeScript, Go, CloudFlare Workers, PostgreSQL, Hyperdrive, OpenAI/Anthropic APIs
  - **Key Results:** Sub-100ms global response times, automated AI training pipelines, real-time metrics

Panglobal Training Systems   **Jan. 2018 – Sep. 2024**
Development & Operations Specialist   *Calgary AB*
- PanGlobal was a Power Engineering training company supplying learning resources to thousands of students across Universities and Colleges throughout North America.
- As DevOps Specialist, architected cloud-native infrastructure and led development of PGFocus - exam-prep application serving thousands of concurrent Power Engineering students preparing for certification.
  - **Key Results:** Designed complete stack (PostgreSQL schema, Node.js API, Vue.js frontend), reduced deployment time from hours to minutes, established code review processes reducing onboarding from weeks to days
  - **Stack:** Vue.js, Node.js, PostgreSQL, Docker, Kubernetes, GCP, Grafana/Prometheus, GitHub Actions

Black Magic Consulting   **2015 – 2018**
Full Stack Developer / Technology Consulting   *Victoria BC*
- Modernized CJSW Radio Society's infrastructure - transformed legacy PHP monolith serving Calgary's largest vinyl library into containerized microservices with unified streaming/e-commerce experience.
- Built complete digital transformation solutions for RecordLand LLC and multiple SMB clients.
  - Key Results: 300% transaction speed improvement for RecordLand POS system, 100% uptime during high-traffic events for CJSW, eliminated manual processes across client base
  - Stack: Vue.js, PHP, Docker, PostgreSQL, NGINX, custom API integrations

EDUCATION

Camosun College   **Sep. 2017 - May 2017**
Cyber Security & Network Technology   *Victoria BC*
- **Coursework:** Cybersecurity, Networking, Philosophy, Linux Administration
- Left prior to graduation to pursue Victoria Startup Boom. Went well.

CERTIFICATIONS, SKILLS & INTERESTS
- **Certifications:** LPIC-1 System Administrator, GCP Associate Cloud Engineer, WSET Level 2
- **Technologies:** Vue.js, React, Go, JavaScript/TypeScript (Deno / Bun), Node.js, PostgreSQL, Docker, Kubernetes, GCP, AWS, Terraform, CloudFlare Workers
- **Skills:** Full-stack architecture, AI/ML implementation, infrastructure automation, technical leadership, code review processes, client-to-engineer communication
- **Interests:** Retro Computation & 6502 Assembly, Riichi Mahjong, Skiing, Antique telephone refurbishment.