


Nickolas Tetzlaff

Software Developer |  www.nickolas-tetzlaff.dev

Contact

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Calgary AB, Canada 

[LinkedIn](#) 

Education

Dip.

Software Development

Southern Alberta Institute for

Technology (SAIT)

Jan 2025 – Dec 2026

Calgary, AB

Cert.

Canadian Securities Course

Canadian Securities Institute

Aug 2023

Skills

Python (Pandas, ML, Matplotlib,
Playwright, Scikit-learn, NumPy)

Javascript (Node.js, React,
Next.js, React Native)

SQL (MySQL, PostgreSQL)

HTML/CSS

Java

Git

Supabase

CloudFlare

TailwindCSS

Work Experience

Web Developer

Freelance

Dec 2025 – Present | Calgary AB, Canada

- Consulted with local businesses to gather functional requirements, define project scope, establish budgets, and deliver solutions within technical and financial constraints.
- Designed and built responsive, user-focused websites aligned with both business objectives and customer usability needs.
- Applied SEO optimization strategies to increase organic traffic and online visibility for client websites.

Supportive Living Practitioner

Vecova Centre for Disability Services and Research

Dec 2020 – Present | Calgary AB, Canada

- Provided direct support for individuals with complex disabilities, coordinating daily enrichment activities, executing behaviour plans, and medical appointment assistance.
- Led team meetings to assess individual progress, identify growth opportunities, and align staff on actionable support strategies.
- Trained, oriented, and onboarded new staff members, ensuring consistency, accountability, and quality of care across the team.
- Collaborated with external stakeholders, including government funding bodies and client guardians, to align support strategies and communicate program successes.

Projects

Weave

Launching Spring 2026

Stack: React Native, Node.js, Supabase (PostgreSQL), Python, Cloudflare, OAuth

- Built a full-stack mobile application for discovering local events, featuring interactive feeds and map-based exploration.
- Implemented personalized event feeds by filtering and ranking content based on user interests collected during onboarding.
- Designed an interactive events map that plots real-world event locations using latitude/longitude for spatial discovery.
- Engineered a custom ETL pipeline to extract event data from multiple sources, deduplicate previously ingested events, normalize schemas, and automatically load data into the database on a scheduled basis.

Markov Switching Model Tool

Stack: Next.js, Node.js, Python, MongoDB, OpenAI

- Built an interactive analytics tool that allows users to select a stock and time period, retrieves historical price data, and evaluates it using a Markov switching model.
- Deployed an API-driven modeling pipeline that executes regime-switching analysis on demand based on user input.
- Integrated an AI-powered interpretation layer to translate complex statistical outputs into clear, user-friendly insights.