

Nathan Campbell

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SKILLS

Programming Languages: C, Python, JavaScript/TypeScript, SQL, HTML, CSS, C#

Technologies: REST API, Git, AWS, React Native, NodeJS, MySQL, Docker, Figma, Maps API, Google Cloud, Uni-app, MySQL, DBeaver, Strapi, IntelliJ IDE, Strapi, ReactJS, VueJS, Svelte, ASP.NET, .NET core 9, MCP

Soft Skills: Collaboration, leadership, problem-solving, time management, adaptability, Concise communication

EDUCATION

Bachelor of Science(First Class Honours) - Computer Science

09/2022 - 06/2026

University of Calgary, Alberta

WORK EXPERIENCE

AI Trainer

05/2025 - Current

Data annotation - remote

- **Evaluated AI-generated code** for correctness, efficiency, readability, and adherence to software engineering best practices.
- **Identified and documented** bugs, logical errors, and behavioural failures in AI-generated code and technical reasoning.
- **Created and tested complex coding prompts** designed to evaluate model performance across debugging, code analysis, and software development tasks.

Software Developer Intern

01/2026 - 04/2026

FS1 Analytics, Calgary - remote

- Built a record-linking pipeline in Python that resolves vendor strings from sales **data against a 1000+ organization master list**, combining several strategies to create weighted confidence scores.
- **Designed/built an app** for that program, which had a Flask/HTMX review app that auto-confirms high-confidence matches and queues ambiguous ones for easy human review, cutting down manual labour.
- Also **built an AI-driven contract comparison engine with PHP and MySQL** to compare new contracts to old contracts, highlighting major differences and saving human reviewers many hours.
- **Integrated Gemini** within both projects to enhance readability and verify other estimates, giving the human reviewer even more information.

Software Development Intern

05/2025 - 08/2025

Mawer Investment Management, Calgary

- **Built 22 collection types** with custom components and lifecycle functions.
- **Created an MCP server** allowing receptionists to directly query Salesforce data securely.
- **Used ASP.NET Core 9** to build a new scheduled job runtime with captured file metadata, saving dozens of hours per quarter for the administrative team.

Fullstack Developer

08/2024 - 05/2025

Tweebaa, Toronto, Ontario- remote

- **Delivered key features** for a Vue.js/uni-app built to host billions of users, beating deadlines and exceeding team expectations.

- **Led development of a complex feature** no one else would take on, integrating it into a large-scale Vue.js/uni-app system across 5+ modules, integrating 10+ REST APIs, delivering ahead of estimates despite complexity.
- **Reduced code complexity** by evaluating inconsistencies and spelling errors, removing duplications to allow for more readable and easier development.

Application Developer

03/2024 - 08/2024

RapidRoute Relocations Hub Inc.(Riipen/LevelUp), Vancouver, British Columbia- remote

- **Promoted from intern to team lead** within 3 months, managing a team of 5+ developers, streamlining onboarding, and coordinating directly with the CEO and designer to shape product direction.
- **Designed and built the app's core mapping feature** using React Native and Google Maps API, after evaluating 4 tools, enabling real-time geolocation and route planning to be used by 10,000+ users.
- **Acted as the primary technical voice in product decisions**, translating developer insights into actionable plans and ensuring alignment between engineering, design, and executive goals.

Pressure Washer

05/2024-09/2024

Student Works, Calgary, Alberta

- **Independently completed pressure washing jobs** for homes, decks, and fences with minimal supervision, trusted to maintain quality and professionalism on-site.
- **Consistently finished tasks ahead of schedule**, balancing speed and thoroughness to prepare up to 4 properties daily for painting crews.

Application Developer Intern

02/2024 - 03/2024

OneDrug Inc.(Riipen/LevelUp), Toronto, Ontario- remote

- **Took initiative to lead frontend development** in a team of 6 interns without assigned leadership, guiding architecture and ensuring progress despite the team's inexperience.
- **Accelerated development by 40%** by introducing 3 frontend libraries that simplified component design, data fetching, and form handling.
- **Researched and integrated external medical APIs**, enabling real-time access to health data and expanding the app's functionality for future healthcare use cases.

Braista, Bartender /Ice cream scooper

10/2023 - 03/2024

Amato Gelato, Calgary, Alberta

- **Provided fast, friendly service** in a high-traffic environment, maintaining strong customer relationships and handling orders with accuracy.
- **Trusted to operate independently during peak hours**, balancing multiple roles while ensuring quality, cleanliness, and a positive customer experience.

Sales Rep

10/2023 - 01/2024

Vector Marketing, Calgary, Alberta

- **Ranked 9th nationally** among student sales reps across Canada in my first campaign, outperforming dozens of peers through strong communication and persistence.
- **Conducted in-home product presentations**, building rapport quickly and tailoring pitches to individual client needs to drive conversions.
- **Developed confident sales techniques** by managing the full sales cycle independently - from prospecting to closing, while maintaining a professional, client-focused approach.

Painter

05/2023 - 09/2023

Student Works, Calgary, Alberta

- **Boosted job efficiency by 400%** on a complex project by introducing a new painting technique, significantly reducing labour time and exceeding client expectations.

- **Led on-site teams** as the company's most efficient painter, streamlining workflows to deliver high-quality results faster and increase customer satisfaction.

Software engineer/DevOps/scrum master/intern

07/2021 - 08/2021

Xerris(Accolite), Calgary, Alberta- remote

- **Developed complex web app features** for a major client, implementing real-time error handling using advanced libraries to improve user feedback and system transparency.
- **Trusted to deliver production-ready code** as an intern on high-stakes client projects, consistently exceeding expectations and contributing to critical functionality.
- **Led Scrum processes** for one project and managed DevOps tasks for another, ensuring smooth sprint execution in one team and learning infrastructure as code and deployment workflows in the other.

PROJECTS

Portfolio website (nathan.binarybridges.ca)

- This is my personal website where I write about my projects and anything else I find interesting. The website is a multi-page website with complex caching and SSG built in to serve the best possible experience with a ReactJS website.

More projects on my GitHub