

Claude White

Junior Software Developer

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SUMMARY

Junior Software Developer with government and full-stack experience in C#/.NET, TypeScript, SQL/PL/SQL, Go, and automated testing. Bilingual in English and French, with experience building internal tools, modernizing legacy systems, designing APIs, and improving developer workflows.

EXPERIENCE

Software Developer

Sep 2025 - Present

Employment and Social Development Canada
Gatineau, Quebec, Canada

- Built an internal .resx translation tool that lets developers import resource files, select existing translations, and export consolidated files, cutting .resx creation time by roughly 50%.
- Redesigned the localization workflow to consolidate per-feature translation files from 2-4 .resx files into 1, improving consistency and reducing maintenance.
- Modernizing a legacy Java Forms system into a C# .NET MVC web application backed by a .NET Web API.
- Developing full-stack features across PL/SQL queries, API provider/service/controller layers, and MVC services, controllers, and views.
- Managing bilingual English/French localization and maintaining code quality through SonarQube, unit testing, and Playwright end-to-end testing.

Student Web Developer

May 2024 - Aug 2024

Health Canada
Ottawa, ON

- Researched, proposed, and implemented C# plugins and JavaScript customizations for an early-stage web application.
- Designed database tables, columns, and relationships to support feature requirements and data integrity.
- Tested, debugged, and documented application features to support maintainability and future development.
- Collaborated within an Agile Scrum team through sprint planning, daily stand-ups, and retrospectives.

Service Desk

May 2023 - Aug 2023

Department of National Defence
Ottawa, ON

- Provided bilingual technical support to end users, troubleshooting software, hardware, network connectivity, printer, and installation issues.
- Logged, tracked, and documented service requests to support timely escalation and service-level follow-up.
- Communicated technical steps clearly in English and French to users with varying levels of technical expertise.

EDUCATION

Heritage College

Sep 2022 - May 2025

3-Year Program | College Diploma in Computer Science

PROJECTS

BiteRunr

Apr 2025 - Present

Expo/React Native mobile app for coordinating group food runs: runners create orders, invite friends with join codes or QR codes, collect items, scan receipts, and settle payments through Stripe Connect. Built with TypeScript, Convex, Better Auth, Expo Router, NativeWind/Tailwind, and Stripe React Native.

Centris-API

Jan 2025 - Mar 2025

Go REST API that scrapes and serves Quebec real estate listing and broker data from Centris.ca, including prices, features, expenses, photos, contact details, and geolocation search. Built with PostgreSQL, sqlc, goose, Swagger, Docker, and Docker Compose.

FoilFlow

Sep 2024 - Dec 2024

Online hydrofoil store split into Store, Customer, Manager, and Web API applications, with inventory management for staff and a customer shopping flow. Built with C#/.NET, Microsoft Identity, SQL Server, Docker Compose, and TypeScript/Svelte front ends.

AWARDS

Vanier Hacks Finalist

Mar 2025

Vanier Hacks
Finished 3rd at Vanier Hacks, competing against 17 other teams in a capture-the-flag hackathon with cryptography and steganography challenges.

SKILLS

Programming Languages

TypeScript, C#, SQL, Python, Go, Java

Frameworks & Libraries

React, React Native, Expo, Next.js, .NET, ASP.NET MVC, TanStack, Tailwind CSS

Backend & APIs

REST APIs, .NET Web API, Convex, Stripe, Better Auth, Drizzle ORM, sqlc, goose, Swagger, Docker

Databases

SQL Server, PostgreSQL, Oracle, MongoDB, SQLite

Testing & Quality

Playwright, Unit Testing, SonarQube, Biome, Prettier

Project Tools

Git, GitHub, Azure DevOps, Jira, Linear

LANGUAGES

English (Fluent), French (Fluent)