

# Vincent Terpstra

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## Summary

Full Stack Developer with 5+ years of experience delivering quality customer centric software, specializing in .NET. Skilled at optimizing code, problem solving, and troubleshooting issues. Focused on writing clear, maintainable, and testable code.

## Professional Experience

### Software Developer and IT support

SEH COMPUTER SYSTEMS INC, Stratford ON

*Dec 2022 – Jan 2026*

Insurance Policy Module – React, node.js, Claude AI, mongoDB

- Leveraging Claude AI to refactor, scaffold code, and implement change requests
- Generating template html for .pdf document generation in a next.js REST API.

Insurance Rating Module - C# - ASP.net- Microsoft Rules Engine, SQL

*2025*

- Architecting a dynamically configurable Rating API that requires minimal code updates.
- Significantly reduced the time and manpower required to update yearly Rating changes across multiple client companies from multiple months to a few weeks.
- Dynamically support variations in requests and response models.
- Supported both effective and referential temporality using SQL System Versioning allowing for backwards compatibility and future-dated changes.

Insurance Claims module – C# Blazor – ASP.net, Entity Framework, Azure, Git

*2022 – 2024*

- Implementing a claims management system, using Blazor UI and ASP.net REST API
- Pioneered a new C# testing strategy using web application factory and in-memory HTTP client that reduced errors in production and increased debugging speed.

### Software Developer and IT support

BLACKCREEK TECHNOLOGIES LTD, Stratford ON

*2020 – 2022*

- Developing applications and integrations using ASP.Net for both internal and client use.

## Education

Computer Programming Diploma - high honors (4.0 GPA)

*2018 – 2019*

Seneca's School of Information and Communications Technology - Toronto, ON.

**GitHub** - <https://github.com/vincent-terpstra>

- Blazor Server Demo App - PostgreSQL, Dapper for ORM, Serilog for structured logging, dependency injection, Docker, XUnit and Moq for testing.
- Advent of Code – yearly coding challenges and learning Python.

**LinkedIn** - <https://www.linkedin.com/in/vincent-douglas-terpstra/>

**Portfolio** - <https://vincent-terpstra.github.io/>

Demos of projects using Java, OpenGL, CUDA and more.

**Interests** - Distance running, tennis, board games, coffee, reading, Advent of Code