

David Davidson

Software Developer

365-880-6534 | ddavidson644@gmail.com | github.com/ChikawaS04 | linkedin.com/in/david-davidson-0363a3247

EDUCATION

Computer Programming and Analysis Co-op January 2023 – April 2025

Niagara College - Welland, ON

Mechanical Techniques Certificate -May 2022 - December 2022

Niagara College - Welland, ON

TECHNICAL SKILLS

Languages: Java, C#, Kotlin, Python, JavaScript, SQL, CSS/HTML

Frameworks: Spring Boot, .NET, ASP.NET, Blazor, Bootstrap, React, Node.js, Matplotlib, NumPy, pandas, Entity Framework, FastAPI, spaCy, NLTK

Developer Tools: Visual Studio/Code, IntelliJ, PostgreSQL, SQL Server, Docker, Android Studio

Others: Azure, Power BI, Eclipse, MS Word, Excel, Visio, Figma, Notion, Slack, Postman, Git/GitHub

PROJECTS

Inventory Management System | *Java, JavaFX, MySQL, Git*

- Developed a desktop-based inventory management system using JavaFX for managing product catalogs, stock levels, and supplier details
- Applied MVC architecture to separate user interface, business logic, and data layers for maintainable, scalable code

Natural by Design Internal Web App | *C#, ASP.NET Core MVC, SQLite, Razor Pages, Git*

- Integrated Role-Based Access Control to ensure only authorized users could access or modify certain data
- Implemented modules for client registration, project lifecycle handling, account management, and role-based authorization

Bank Client Management | *C#, ASP.NET Core MVC, SQLite/PostgreSQL, Swagger, Docker, Git*

- Developed a secure internal tool for managing clients, accounts, and transactions using EF Core
- Enforced business logic for handling deposits, withdrawals, and transfers using ASP.NET Core authorization policies based on account status (Active/Inactive/Frozen/Closed)

WORK EXPERIENCE

Software Developer / Coordinator

Natural by Design – Niagara College

Welland, ON | Jan 2024 – April 2024

- Co-developed a full-stack internal management app for a local company
- Used Entity Framework Core to handle object-relational mapping and database schema
- Led client presentations and contributed to technical documentation

Team Member / Staff

Boston Pizza

St. Catharines, ON | April 2023 – October 2024