David Davidson

Software Developer - Internal Systems/Tools

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: JavaScript, Python, C#, Java, Kotlin, SQL, CSS/HTML
Tech Stack: .NET, Node.js, Matplotlib, NumPy, pandas, Entity Framework, Bootstrap, ASP.NET, MAUI
Developer Tools: Visual Studio, Visual Studio Code, Android Studio, IntelliJ, SQL Server Management Studio (SSMS), Azure, Power BI
Others: MS Word, Excel, Visio, Figma, Notion, Slack, Postman

PROJECTS

Equipment Shop CRM | *JavaScript, CSS/HTML, AJAX, LocalStorage*
- Implemented event-driven JavaScript to handle user interactions and dynamically update the DOM for real-time user interface feedback.
- Built asynchronous workflows with AJAX for real-time data updates and used localStorage for client-side storage.

Natural by Design Internal Web App | *C#, CSS/HTML, ASP.NET Core, SQLite, Razor Pages*
- 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, SQLite, Swagger, Render*
- Developed a secure internal tool for managing clients, accounts, and transactions
- Enforced business logic for handling deposits, withdrawals, and transfers based on account status (Active/Inactive/Frozen/Closed)

WORK EXPERIENCE

Software Developer / Coordinator
Natural by Design – *Niagara College (contract)*   *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*