Matthew Levere

mattlevere@hotmail.com
519-701-5237
Linked-In: https://www.linkedin.com/in/matt-levere/
Portfolio: https://www.levere.dev

Education

Computer Programming and Analysis   **09/2021 – 04/2025**
Fanshawe College

Fitness and Health Promotion   **09/2017 - 04/2020**
Fanshawe College

Employment Experience

Software Engineer Co-Op   **01/2025-04/2025**
Oeconnection

- Implemented Application Insights in both frontend and backend to capture detailed event logs and user interactions, faster debugging and enables proactive monitoring
- Implemented a dynamic modal in React.js to capture and submit user input, integrating with an ASP.NET Core backend and persisting data to a Microsoft SQL Server database for seamless retrieval and reuse.
- Wrote and maintained BDD tests using Playwright and TDD tests using Nunit to ensure application reliability and support robust CI/CD pipeline.
- Utilize Azure DevOps for pipelines, repository management, and Scrum-based workflow tracking via Azure Boards.
- Utilized Terraform to replicate existing Azure infrastructure and enable scalable provisioning of new cloud services, streamlining deployment through infrastructure as code (IaC) best practices.
-

IT Support Specialist   **05/2024-12/2024**
Buckland

- Fielded incoming helpdesk requests from end users via ticketing system, phone or in person
- Installed, monitored, maintenance, supported, and optimized Windows systems
- Assisted with configuration, installation and maintenance of software, hardware and telecommunications services such as: computers, software applications, printers, telephones, servers, and general office equipment.
- Used Microsoft SQL Server to execute pre-approved queries, resolving user issues efficiently while maintaining data integrity.
- Utilized Active Directory (AD) and Azure Active Directory (AAD) for managing and authenticating internal clients across on-premises and cloud environments.

IT Support Specialist Co-Op   **01/2023-04/2023**
IDS – Integrated Digital Solutions

- Create PowerShell scripts to automate checklist tasks.
- Oversee the maintenance, backing up, and securing databases, as well as retrieving files when needed.
- Setting up/configuring laptops and desktops.

- Be technical support for company staff and external clients.
- Write and maintain technical manuals and documentation.
- Install and configure security cameras and NVRs on-site.
- Create tickets based on information given by clients over the phone.
- Resolve issues for clients via phone, in-person, or electronically.\

Projects (Backends might take some time to boot/spin up)
https://www.levere.dev
- Web OS
  - Navigate through a virtual filesystem (JSON file) with working apps (CMD, file explore, collaborative apps with web sockets, etc).
  - React, Tailwind, Nodejs/Express, Web sockets (socket.io), Redis
  - https://levereos.vercel.app/
- Leetcode problem visualizer
  - Showcases my answers to leetcode problems I have completed
  - Next.js, Typescript, Redis, DaisyUI
  - https://dsa-visualizer-livid-eta.vercel.app/
- Multiplayer chess game using socket.io (web sockets)
  - Option to play against a bot
  - React.js, Node.js, Express, MySQL
  - https://multi-chess-client.onrender.com/
- Social networking website
  - React.js, Material UI, Node.js, Express, MongoDB
  - https://matt-socialnetworking-frontend.onrender.com/
- Sorting algorithm visualizer
  - React.js
  - https://sorting-algorithm.onrender.com/
- Chess Game
  - Vanilla HTML, CSS, JavaScript
  - https://chess-board-game.onrender.com/