

# Matthew Levere

Software Developer

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St Thomas, ON, N5P 4P6, Canada

- **Languages:** JavaScript (ES6+), Typescript, Java, C#, PowerShell, SQL
- **Frameworks & Libraries:** React, Next.js, ASP .NET Core, Node.js/Express, TailwindCSS, DaisyUI
- **Databases & Caching:** Microsoft SQL Server, MySQL, MonogDB, Redis
- **DevOps & Cloud:** Jira, Azure DevOps (Pipelines, Boards), Terraform, Git/Github, CI/CD
- **Testing & QA:** Playwright (BDD), NUnit (TDD), Jest
- **Tools & Methodologies:** Docker, Scrum/Agile, RESTful APIs, WebSockets (Socket.IO)

## Work Experience

### Software Engineer Intern

Jan 2025 - Apr 2025

*OEC*

- Integrated Azure Application Insights across React frontend and ASP .NET Core backend, capturing 50+ custom telemetry events per session and improving analytics of each client for the analysts.
- Developed a reusable, dynamic React modal component for user data entry, seamlessly interfacing with an ASP.NET Core API and persisting to SQL Server, improving data accuracy.
- Designed and executed Behaviour-Driven Development (BDD) tests with Playwright unit tests with NUnit, reinforcing reliability through the CI/CD pipeline.
- Automated infrastructure provisioning with Terraform IaC modules, replicating Azure environments, ensuring repeatable and scalable deployments

### IT Support Specialist

May 2024 - Dec 2024

*Buckland | St Thomas*

- Provided Level 1 support for 600+ end users, resolving an average 30+ tickets weekly
- Administered Windows Server environments and configured Active Directory/Azure AD accounts, streamlining user provisioning and single sign-on processes.
- Executed SQL Server queries to troubleshoot data-related issues, cutting mean ticket resolution time

## IT Support Specialist

Jan 2023 - Apr 2023

IDS | London

- Authored PowerShell scripts automating 15+ routine maintenance tasks (user setup, backups), saving over 20 hours of manual work per week.
- Installed and configured on-site security cameras and network video recorders (NVRs), bolstering physical security protocols

## Projects

### Web OS

- A virtual operating environment featuring a JSON-driven filesystem integrated apps (CMD, File Explorer, collaborative notepad and paint)
- React, Tailwind, Node.js/Express, Socket.IO, and Redis

### Leetcode Problem Visualizer

- Showcase leetcode problems (Can run the code against 50 tests per problem)
- Next.js/Typescript, DaisyUI, Redis, SQLite

### Multiplayer Chess

- Join rooms that include chat box, move history, and the option to play against a bot
- React, Node.js/Express, MySQL, Socket.IO

### Social Networking Platform

- Full-stack social media app with posts, comments, friends and likable posts/comments.
- React, Express, Nodejs, MonoDb

### Sorting Algorithm Visualizer

- Sorting Algorithms: Bubble, Merge, Heap, Quick, Insertion, Selection, Tim
- React

## Education

### Fanshawe

Sep 2020 - Dec 2024

**Diploma** Computer Programming and Analysis

GPA: 3.6

### Fanshawe

Sep 2017 - Apr 2020

**Diploma** Health and Fitness Promotion

GPA: 3.2