

# KOLBY SARSON

Chatham, ON N7L5N7 (Open to Hybrid/Remote) | (226) 346-5331 | [ksarson10@gmail.com](mailto:ksarson10@gmail.com)  
[linkedin.com/in/sarsonk/](https://www.linkedin.com/in/sarsonk/) | [github.com/ksarson](https://github.com/ksarson) | [kolbysarson.com](https://kolbysarson.com)

## TECHNICAL SKILLS

---

**Front End** | CSS, Cypress, Dapper, JavaScript, JSX, KendoReact, NodeJS, React, RWMC, TypeScript

**Back End** | C#, MySQL, .NET, PL/SQL, RESTful APIs, SnowflakeDB

**DevOps** | Azure, Docker, FluidMigrator, TeamCity

**Developer Tools** | Babel, ESLint, Git, npm, Oracle SQL Developer, Visual Studio, Visual Studio Code, Webpack

## EXPERIENCE & PROJECTS

---

### Software Developer | Utilismart Corporation

Nov 2022 - Present

*Full-stack development of SAAS web applications for Utility Customers* React | JavaScript | Node.js | C# | .NET | PL/SQL

- Built and maintained responsive web apps for utilities, providing improved user experiences and performance.
- Utilized Node.js to create scalable, backend systems that could handle large amounts of data and user requests.
- Optimized database queries and PL/SQL code to improve database performance and reduce app response time.
- Implemented efficient algorithms in C# to process large volumes of data and improve app performance.
- Worked with project managers to establish project requirements and ensure timely delivery within scope.
- Stayed current with emerging software tools and programming languages, consistently enhancing technical abilities.

### System Technologist | Lambton Kent District School Board

May 2022 - Nov 2022

*Remote learning management system web app*

MySQL | Python | VBA

- Oversaw six K-12 education apps, including accounting and record systems for optimal performance and reliability.
- Spearheaded server upgrades for board-wide accounting app smoothly and with minimal disruption to users.
- Improved app security by implementing enhanced practices, ensuring safety and confidentiality of sensitive data.
- Provided timely and effective tech support to users & stakeholders, resolving issues & answering inquiries.
- Collaborated cross-functionally on IT projects such as system migrations and upgrades to achieve goals.
- Ensured data integrity and regulatory compliance by maintaining records of system configurations, updates, and issues.

### Personal Project | E-Portfolio

February 2023 - Present

*MERN stack implementation of an e-portfolio project*

React | JavaScript | Node.js | MongoDB | Express.js | Bulma

- Building for deployment a responsive e-portfolio web app using the MERN stack.
- Utilizing Node.js and Express.js to develop a scalable backend for handling user requests.
- Implementing React components and styling the UI with Bulma to create an intuitive and seamless user experience.
- Optimizing database performance and query speed with MongoDB and implementing authentication features.
- Continuously improving technical skills by staying up-to-date with emerging libraries and frameworks.

## EDUCATION

---

**University of Western Ontario**- Master of Science, Computer Science, GPA (3.9)

2022

- An Investigation Into Time Gazed At Traffic Objects By Drivers

**University of Windsor**- Bachelors of Science, Computer Science, GPA (3.9)

2020

- Specialiation in Software Engineering
- Minor of Mathematics